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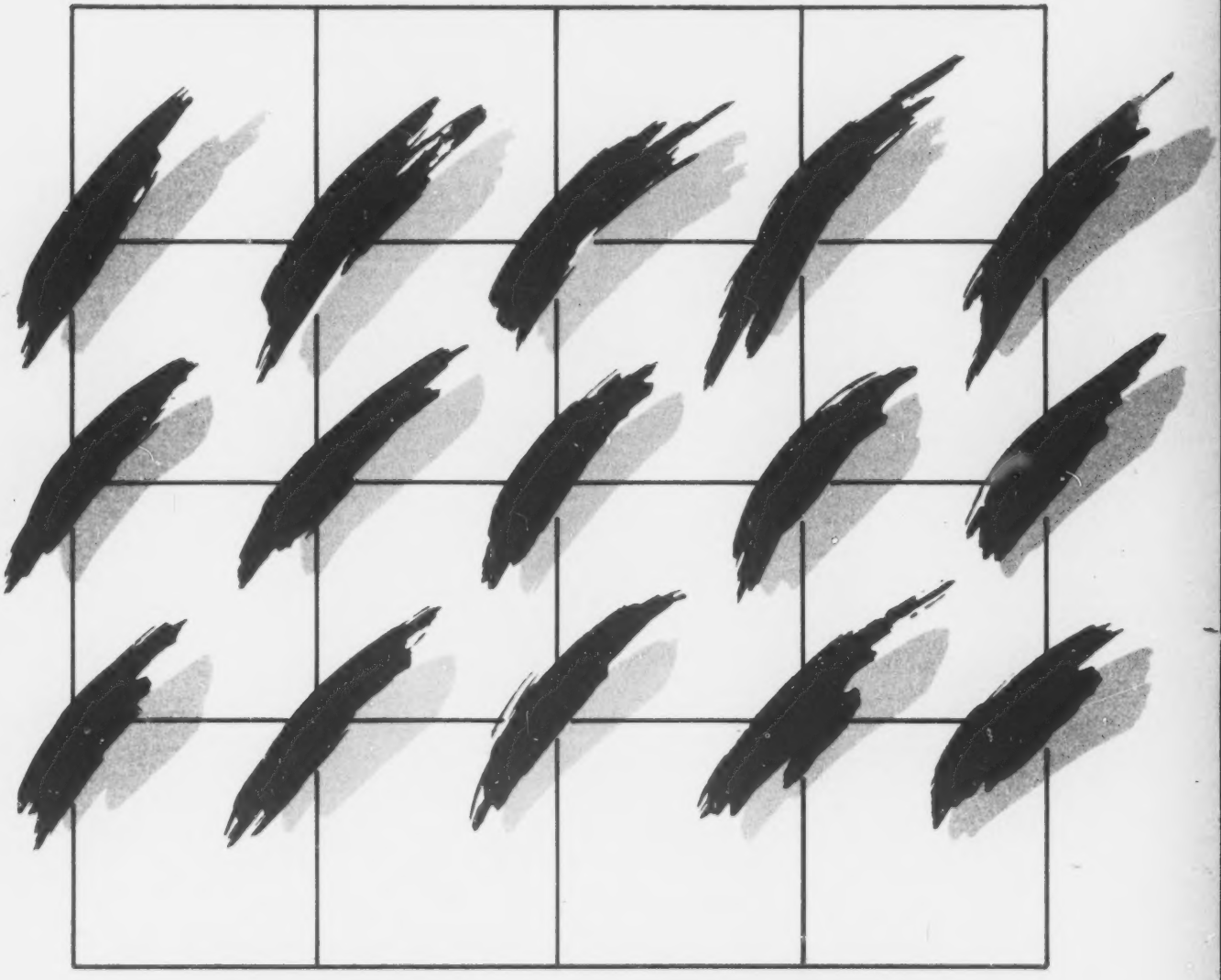
New Jersey ECONOMIC INDICATORS



THOMAS H. KEAN, Governor
State of New Jersey

CHARLES SERRAINO, Commissioner
New Jersey Department of Labor

SEPTEMBER 1989

New Jersey ECONOMIC INDICATORS

Number 297 Based on data through September 8, 1989

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THE ECONOMIC SITUATION IN

THE NATION

National barometers of business activity continue to register mixed readings. Though the pace of expansion unquestionably has slowed since the beginning of the year, there is sufficient uncertainty about the degree of easing and the durability of the recent pause of inflation to keep the Federal Reserve Board in a quandry. Just when it appeared that it might be ready to move beyond the modest loosening of credit authorized earlier in the summer, new and revised data showed greater strength of consumer spending, exports and employment than previously reported or anticipated. This is likely to keep the Fed in a "wait and see" posture until there is clearer evidence that the risks of a resumed upward spiraling of prices have really subsided.

Industrial production edged up fractionally in July, but this followed small declines during the two preceding months and does not signal a departure from the substantially slower growth rate experienced by this sector during the first half of the year. Similarly, though unchanged in July, all indications point to continued weakness in construction. At the same time, however, both personal income and consumer spending advanced at surprisingly strong 0.7% rates in July, and estimates of consumer outlays were revised upwards for earlier months. As a result, the U.S. Commerce Department adjusted its estimate of the economy's overall rate of growth during the second quarter from 1.7% to 2.7%. Also on the plus side, the U.S. Bureau of Labor Statistics reported that nonfarm employment would have risen by a respectable 200,000 in August were it not for strikes in the telephone industry during the survey week. The unemployment rate was unchanged at 5.2%.

Consumer prices advanced at an annual rate of 2.9% in July, about the same as a month earlier and only about half as much as the average increase of 5.9% for the full first half of the year. Most of the improvement was attributable to falling energy prices, which had risen sharply earlier in the year. Excluding highly volatile food and energy prices, the inflation rate has hovered within the 4.2% and 4.4% range over the past six months.

THE STATE

The latest round of labor market and other economic data reinforce the assessment expressed in recent issues of *New Jersey Economic Indicators* that the New Jersey Economy has entered a period of considerably less rapid expansion than it enjoyed from 1982 to 1988. Employment increases began to diminish during 1988 because of the labor supply constraints associated with one of the lowest unemployment rates in the country and then eased further during the first half of this year as the construction boom finally started to subside and consumers tightened their purse strings following six years of very substantial spending increases. As a result, nonfarm employment in New Jersey as of July was only 34,800 higher than a year earlier, a marked reduction from gains averaging close to 100,000 per year from 1982 to 1987, when the economy was coming out of the last recession and could draw upon a sizeable labor surplus.

Nonfarm hiring fell about 20,000 short of seasonal expectations during the spring and early summer, partly reflecting that layoffs were fewer than usual last winter because of exceptionally good weather and partly because many employers continued to confront recruitment difficulties, especially those service establishments and retail outlets competing for a dwindling supply of youth to fill relatively low wage, part-time and seasonal jobs. There also was a softening of the demand for labor in some sectors. Construction contractors recalled about 6,000 fewer workers than usual following winter layoffs because of the reduced pace of building activity and, after

leveling off during the second half of 1988, employment slipped by another 4,500 in manufacturing, mirroring the slower pace of industrial growth nationally.

The apparent easing of the demand for labor in some sectors of the economy is clearly evident in a rising trend of unemployment insurance (UI) claims since March. A seasonally adjusted weekly average of 86,100 persons claimed UI benefits during July, up 12,900 from the same month last year. Partially available data for August indicate a somewhat greater over-the-year jump of about 15,000. Nearly half of the increase is accounted for by construction workers and most of the rest consists of persons laid off by service sector employers. As a result, the seasonally adjusted *insured* unemployment rate (the number of claimants as a percentage of the number of workers covered by UI) rose from a post-World War II low of 1.9% in January to 2.5% as of July.

New Jersey's *total* unemployment rate, which also includes jobless workers not eligible for UI (such as new entrants to the labor market, persons who voluntarily quit their jobs and persons who have already used up their UI benefit entitlements), exhibited highly erratic fluctuations but no real trend during the first seven months of this year, holding at its 1988 average of 3.8%. This relative stability reflects that, at least through July, the rising layoff rate indicated by the upturn of UI claims was largely balanced by reduced unemployment among teenagers newly entering or marginally attached to the labor market and therefore not part of the UI rolls. The U.S. Bureau of Labor Statistics recently reported that the State's unemployment rate shot up to 4.5% in August, but it is too soon to know whether this is simply another in a series of fluctuations attributable to sampling error or an indication that the higher adult layoff rate is starting to outweigh lower joblessness among youth.

It would be premature to view the recent easing of New Jersey's economic pace and the upturn of UI claims during the past several months as the beginning of a cyclical slowdown. Though this could in fact occur if the national economy slips into a recession, as some economists anticipate, there is no clear evidence that such a downturn is underway. Except for the slackening of construction activity, which has been signaled for two years by a reduced volume of new contracts and could have become more pronounced, the State's economy appears simply to be easing into to a period of more moderate and sustainable expansion.

The economy's principal soft spot is construction, which enjoyed an extraordinary boom over the 1983-1988 period that was far out of proportion with national trends and which had to pause sooner or later. The fact that such a pause might be on the way was initially indicated by a downturn of building permits for new residential construction that began in 1987 and has continued ever since. The number of dwelling units authorized during the first half of this year was down about 35% from the comparable period in peak year 1986, with all of the drop accounted for by single-family homes. Contracts for nonresidential building kept expanding in 1987, but then plummeted by 22% in 1988 and have remained at that lower level thus far in 1989. There was still enough work backlogged to hold overall building activity at a record level in 1988. Now, however, some slowdown does appear to be underway and this could result in some further employment cutbacks in this sector.

Another significant development during the first half of 1989 was a marked slowdown of the pace of retail spending. Sales by New Jersey retailers during the first six months of the year were up only 1.9% from a year earlier and auto sales (as measured by new car registrations) through the first seven months were off about 11%. This compares with retail sales increases averaging 8.7% per year from 1982 to 1988. There has been a similar, though less pronounced, easing of consumer spending nationally. As in the case of the building boom, the exceptional sales pace of 1982-1988 (fueled by pent-up demand following the last recession and heavy borrowing) had to moderate sooner or later. Unlike construction, however, there is every reason to believe that consumer spending will keep growing in New Jersey, not as much as over the past several years but probably better than during the first half.

In sum, the New Jersey economy has shifted from overdrive to a speed more consistent with underlying demographic trends and patterns of growth nationally. The construction boom appears to be at least temporarily receding, consumer spending has downshifted from a pace that could not be sustained indefinitely, and a slower expansion of industrial activity nationally has been accompanied by some further erosion of man-

ufacturing jobs. These developments have contributed to a rise in unemployment insurance claims. Nevertheless, the State's economy remains fundamentally sound. If job opportunities in the service sectors keep rising at even the slower rate recorded over the past year, as should be the case if the national economy holds to the moderately rising course anticipated by most forecasters, this should be enough to match labor force growth and hold unemployment at close to its current level.

COMPARATIVE ECONOMIC INDICATORS NEW JERSEY AND UNITED STATES

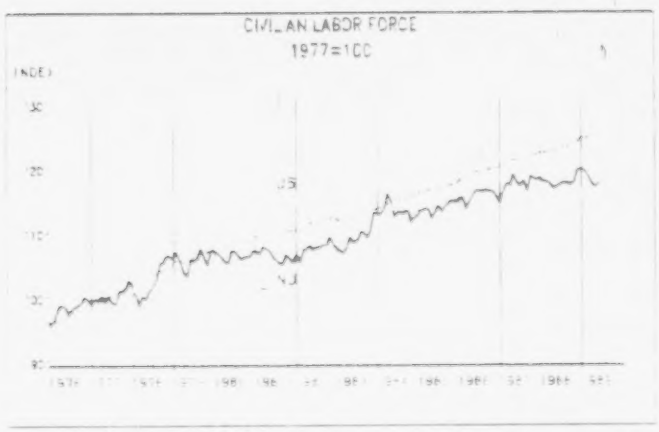
New Jersey Data (Seasonally Adjusted)			Data For	Series	Page No.	Year to Date Percent Change From Year Ago	
Latest Month	Month Ago	Year Ago				N.J.	U.S.
$179,799	$177,373	$164,516	1st Qtr. '89	Personal Income (millions)**	S-22	+ 9.3	+ 9.5
$5,013	$5,040	$4,968	Jun	Retail Sales (millions)	S-22	+ 1.9	+ 5.2
2,626	2,906	2,684	Jun	New Business Incorp. (number)	S-16	- 5.0	+ 1.9
50	65	67	Dec '88	Business Failures (number)	S-16	+15.1	- 6.6
2,368	2,205	2,851	Jun	Dwelling Units Authorized (number)	S-20	-13.5	- 6.9
$678.2	$425.3	$690.7	Jul	Construction Contracts (millions)	S-18	-15.8	- 1.3
$195.0	$212.6	$327.1	Jul	Residential	S-18	-25.8	+ 0.2
$374.9	$102.0	$208.9	Jul	Nonresidential	S-18	- 2.1	0.0
$108.3	$110.7	$154.7	Jul	Nonbuilding*		-17.2	- 7.2
3,721.1	3,728.7	3,685.2	Jul	Nonfarm Payroll Employment (thous.)	S- 8	+ 1.2	+ 3.0
658.8	665.0	663.8	Jul	Manufacturing (thousands)	S-10	- 0.8	+ 1.0
3,062.3	3,063.7	3,021.4	Jul	Nonmanufacturing (thousands)		+ 1.7	+ 3.5
162	165	146	Jul	Total Unemployment (thous.)	S- 4	+ 0.8	- 4.5
4.1	4.2	3.7	Jul	Percent of Labor Force	S- 6	- -	- -
82.9	81.7	72.6	Jul	Insured Unemployment (thousands)	S-24	+ 9.1	- 0.6
2.5	2.4	2.1	Jun	Percent of Covered Employment	S-24	- -	- -
41.0	41.1	40.8	Jul	Average Factory Workweek (hours)	S-12	+ 0.2	0.0
$11.37	$11.31	$10.88	Jul	Average Factory Hourly Earnings*	S-33	+ 4.1	+ 3.0
$460.49	$464.84	$438.46	Jul	Average Factory Weekly Earnings*	S-31	+ 4.3	+ 3.0

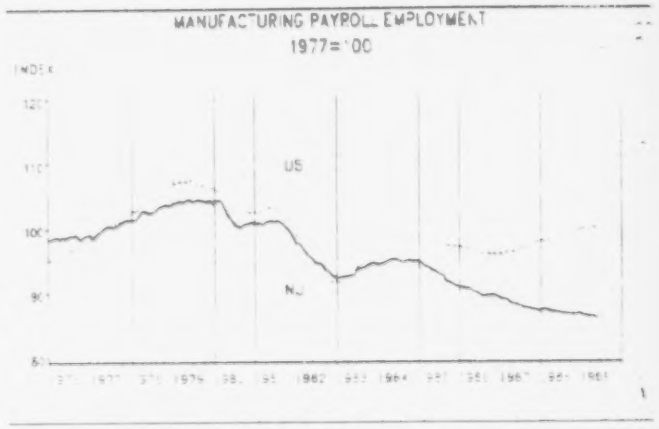
See pages S-1 to S-3 for data notes on all the above listed series.

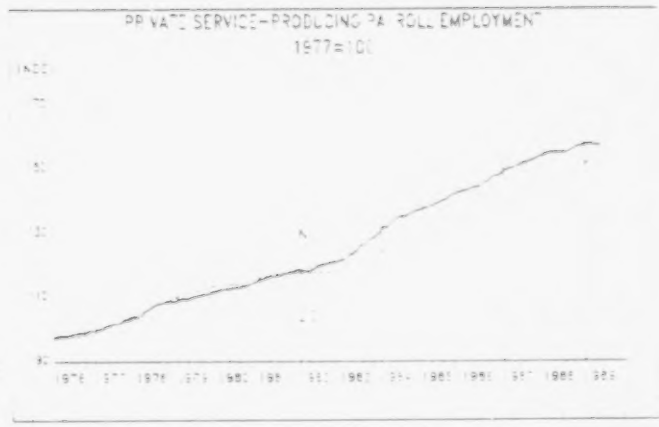
* Not seasonally adjusted

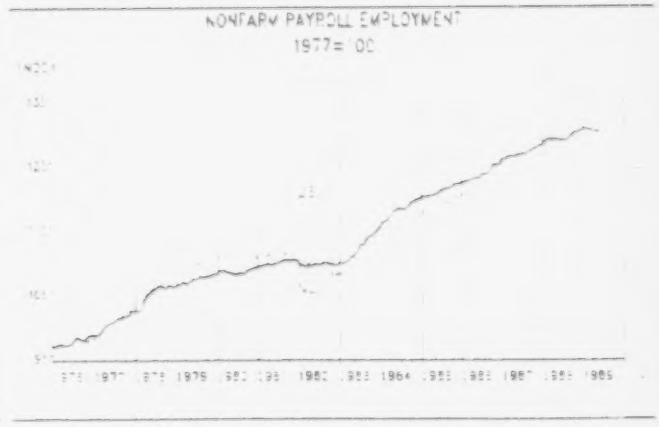
** (Latest Month-1st Qtr. '89) (Month Ago-4th Qtr. '88) (Year Ago-1st Qtr. '88)

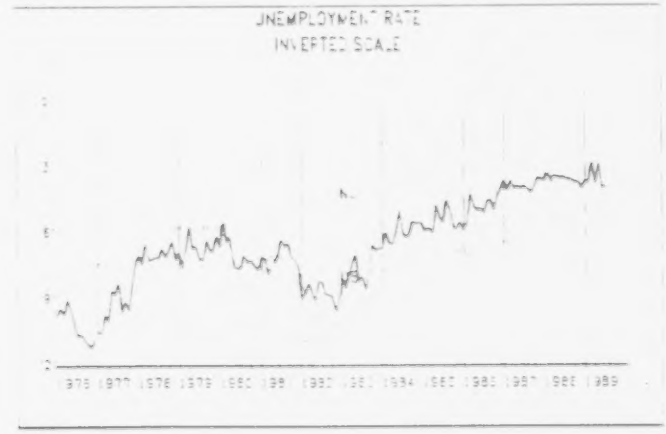
Comparisons of Economic Trends In New Jersey and the United States

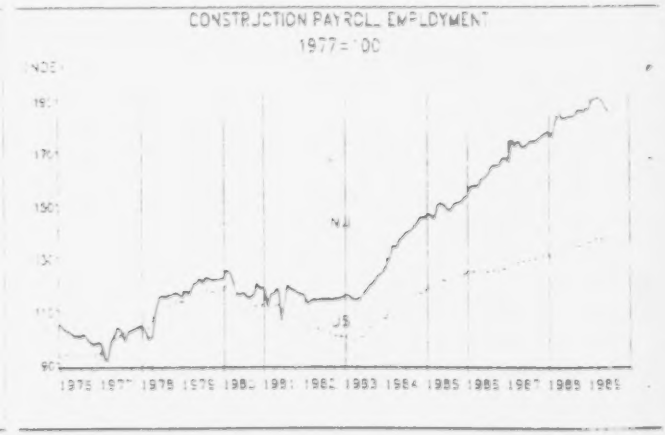




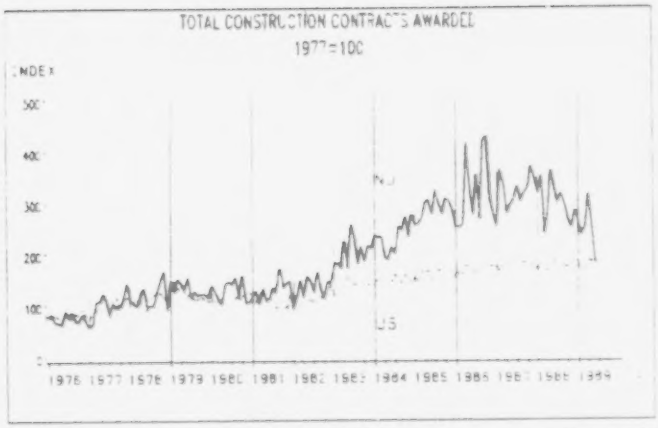


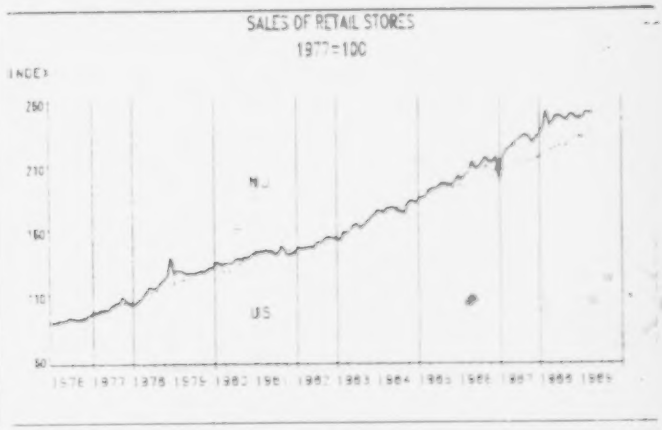


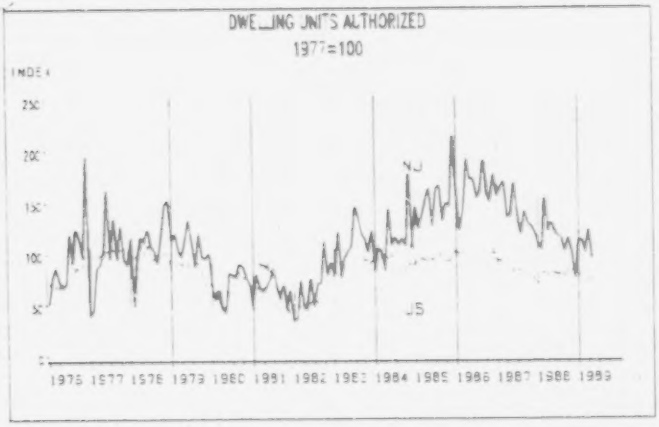


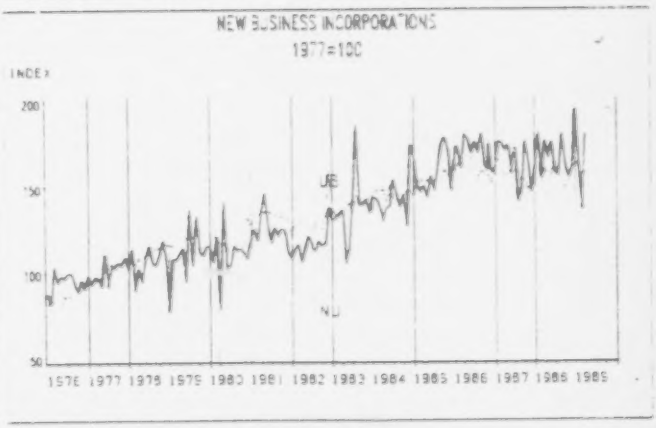


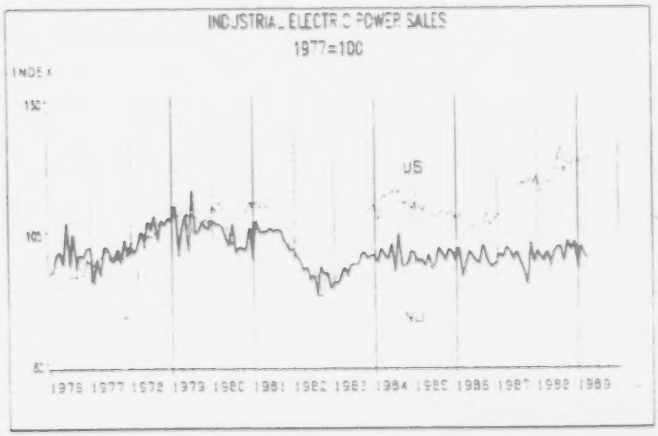
All data in the charts on these two pages have been seasonally adjusted and indexed to a 1977 base with one exception. Data on the unemployment rate is presented in actual units. The advantage of using an index is that it facilitates comparisons between the State and the Nation.

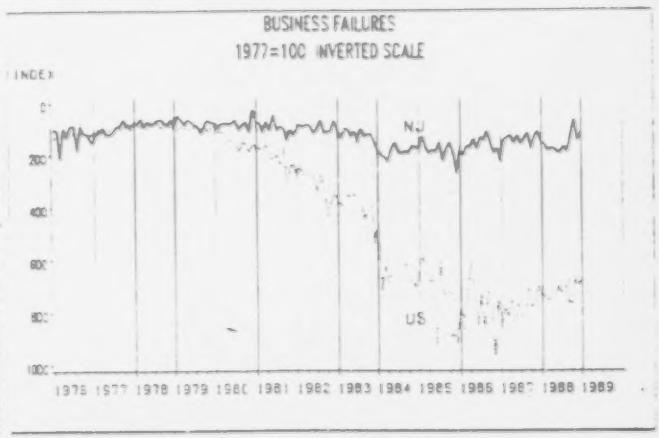












NEW JERSEY'S LABOR EQUATION: DEMAND VS. SUPPLY THROUGH 2000

by
Connie O. Hughes
Division of Labor Market and Demographic Research

*This article is excerpted from the report, **New Jersey's Labor Equation: Demand vs. Supply through 2000**, recently released by the Division of Labor Market & Demographic Research.[1] Copies of the complete report are available by writing to the NJ Department of Labor, Division of Labor Market & Demographic Research, CN388, Trenton, NJ 08625-0388.*

INTRODUCTION

The purpose of this article is to focus on the "labor equation" – the relationship of labor supply and the demand for labor – in New Jersey through the year 2000. The New Jersey Department of Labor's projections of industry and occupational employment will be used as an indicator of future labor demand – what will be the labor force requirements of the state's future economy? Similarly, the Department's projections of population and labor force will be utilized to assess the future labor supply – who will be available to fill the jobs? The match or mismatch between future demand versus future supply also will be considered. Before proceeding with these analyses, however, it is appropriate to review the current labor supply/demand issue in New Jersey.

Labor Demand vs. Supply: The Issue

Currently, New Jersey is in the midst of an economic boom, although there are some signs of moderation. The unemployment rate is at a peacetime low and employment continues to grow. However, the low unemployment rate is not due solely to the expansion of the economy – it also reflects labor market tightening from the supply side.

While a recession could reduce the demand for labor and raise the unemployment rate cyclically, longer-run structural factors contributing to the state's current economic success can be expected to continue into the 1990s and beyond, including a potential inhibitor – a shortage of people to staff the economy of tomorrow.

New Jersey, like the nation, cannot readily count on youth alleviating the labor scarcity. The baby-boom generation is now approaching middle age. Young labor-force entrants – the baby-bust generation – will be far less numerous for the balance of the century. The rising demand for labor will have to be met by more fully employing the state's residents. Women and minorities will be the dominant growth components of the labor force of the future. The period immediately ahead represents a "window of opportunity" for the state's structurally unemployed and disadvantaged workers, but their skills will need to be upgraded to match industry's demand for "high tech" skills.

The labor problem of the future, then, has two components: the shortage in the number of workers and the mismatch between the skills of available but underutilized labor and the jobs being created.

---

[1] Technical and research assistance was provided by Douglas Moore, Joseph Tierney, and Sen-Yuan Wu. The analyses of industry employment projections and occupational employment projections drew on New Jersey Department of Labor's *Economic Indicators* articles by Jan DeJong, Robert Vaden and James Dougherty, respectively.

Because 1986 data were the most current at the time the projections were developed, 1986 is the base year for all projections series. Therefore, the following analyses focus on the 1986-to-2000 time period rather than 1988 to 2000.

LABOR DEMAND

Projected demand for labor is derived from the future outlook for the economy. Its character can be quantified in terms of the industrial and occupational categories of jobs the economy is expected to generate.

New Jersey's nonfarm wage and salary employment growth, on average, has exceeded that of the nation during the 1980s and is expected to mirror the nation's projected slower growth through the year 2000 (1.4% annually from 1986 to 2000). Reduced labor-force expansion (1.2% annually between 1986 and 2000) is responsible for this projected slowdown in employment growth.

However, despite slower projected labor-force growth, New Jersey's economy is projected to raise nonfarm wage and salary employment by almost 725,000 from 1986 to the turn of the century, an average of nearly 52,000 per year. In addition, there will be even more job openings due to separations from the labor force (retirement, death, family raising, etc.) – on average, over 188,000 per year.

Nearly all of the job growth will be found in the service-producing sectors (e.g., business and health services, trade and finance). In total, these sectors will account for slightly over 80% of all of New Jersey's employment by the year 2000, compared with just under 76% in 1986.

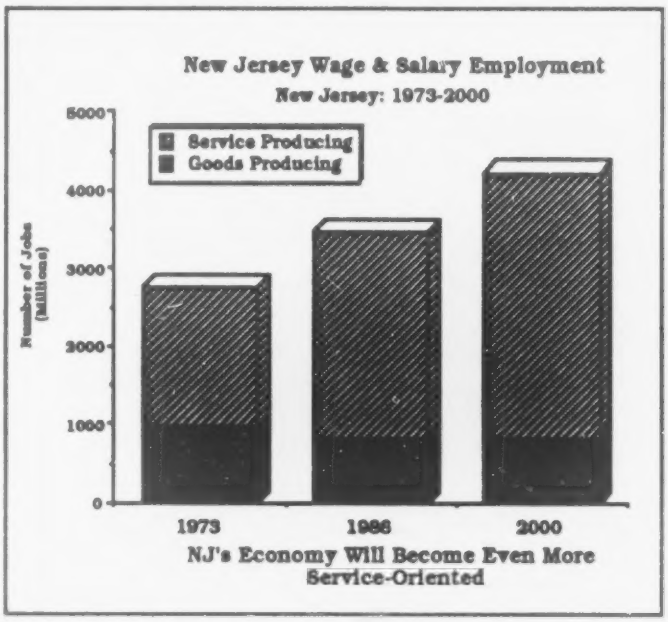
When the industry employment projections are converted to occupational employment projec-

Demographic & Economic Trends
New Jersey: 1986-2000
(Numbers in Thousands)

			Change: 1986-2000		
	1986	2000	Number	Percent	Average Annual Percent Change
WORKPLACE EMPLOYMENT					
Nonfarm Wage & Salary Employment (Industry)	3,486.8	4,211.3	724.5	20.8	1.4
+ Self-Employed & Unpaid Family Workers	140.4	180.7	40.3	28.7	1.8
Occupational Employment	3,627.1	4,391.9	764.8	21.1	1.4
POPULATION & LABOR FORCE					
Total Population	7,625.0	8,500.2	875.2	11.5	0.8
Population 16 Years of Age & Over	6,034.4	6,826.6	792.2	13.1	0.9
Civilian Labor Force	3,892.0	4,556.9	664.9	17.1	1.2
Unemployed	196.0	160.0	–	–	–
Unemployed Rate	5.0	3.5	–	–	–
Resident Employment	3,690.0	4,396.9	706.9	19.2	1.3

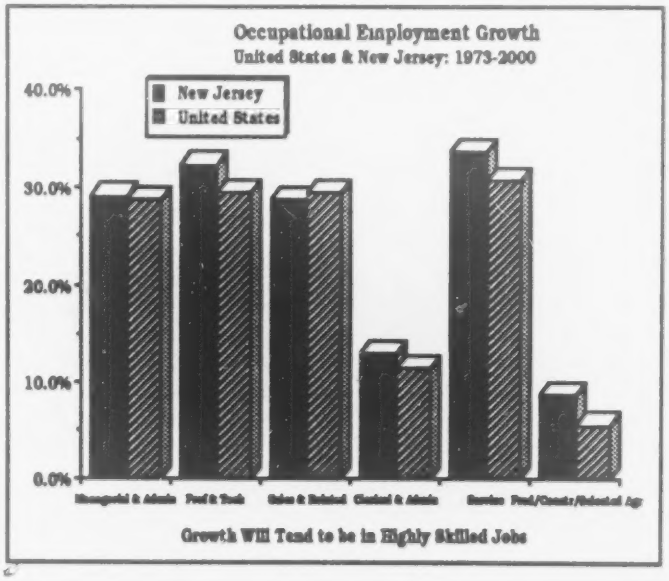
Notes: Numbers may not add due to rounding.
Parentheses "( )" indicate a negative number or percent.
*1988 unemployment rate dropped to 3.8%.
Source: NJ Department of Labor, Division of Labor Market & Demographic Research

tions[2], several patterns emerge. Though there will be significant exceptions, the general trend will be that those occupations requiring high education skills (professional/technical workers and managers) will increase in numbers faster than lower skilled jobs (clerical and production workers). In fact, when the occupational employment projections are clustered by the level of educational attainment of the workers, the data indicate that almost 26% of all jobs in the year 2000 and about 36% of the new jobs created from 1986 to 2000 will require at least one or more years of college. Such occupations include, for example, managers, engineers, health diagnosing and treating workers. On the other hand, factors such as automation and import substitution are expected to result in slow growth or decline for occupational groups requiring less education, e.g., those in factory production operations.



Occupational employment can be broken down into three major types -- white collar, blue collar and service occupations. What are labeled within the occupational classification system as "service" occupations (a diverse group that includes waiters/waitresses, police, fire officials, janitors) are projected to grow at a rate faster than any other broad occupational group. Despite this projected fast growth, these occupations as a whole will provide only 17% of all jobs in 2000 because of their small base. However, new growth in these occupations will account for an average of about 13,000 jobs per year, while openings due to separations will average over 32,000 annually.

White-collar occupations, on the other hand, will account for 58% of all New Jersey jobs in the year 2000. New growth will account for over 35,000 openings each year and separations will account for almost 97,000 jobs to be filled annually.



Finally, blue-collar occupations will lag in growth, but it is expected that there will be almost 65,000 blue-collar job openings annually from 1986 to 2000; 90% will be due to separations.

The employment and training policy implications of the above-mentioned trends on the labor demand side of the equation are multifaceted. There

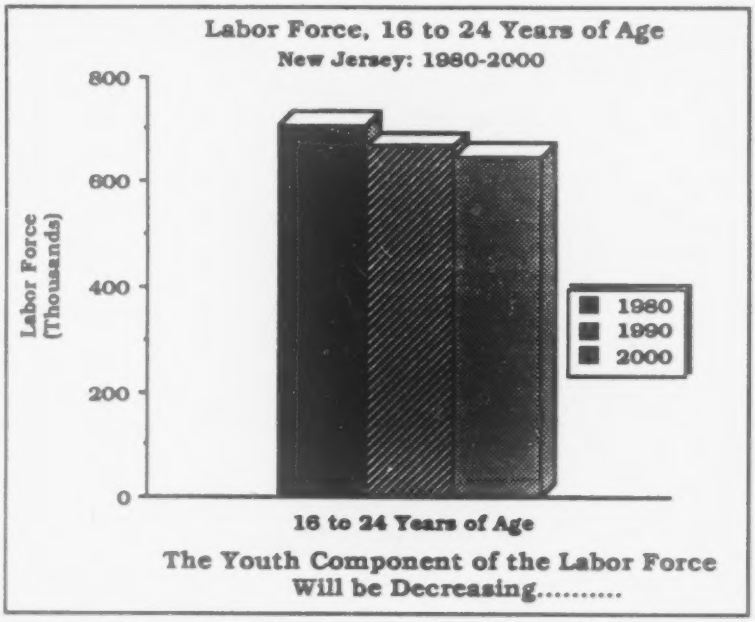
[2] Occupational employment totals differ from industry employment totals. Industry employment represents nonfarm wage and salary employment while occupational employment is the sum of nonfarm wage and salary employment plus self-employment and unpaid family workers.

will be a demand for an increasingly well-educated and highly trained labor force. Necessary skills in the year 2000 will include many that were barely in existence a decade or so ago. Not only will new entrants to the labor pool need to be educated and trained, but many current workers will need to upgrade their skills.

LABOR SUPPLY

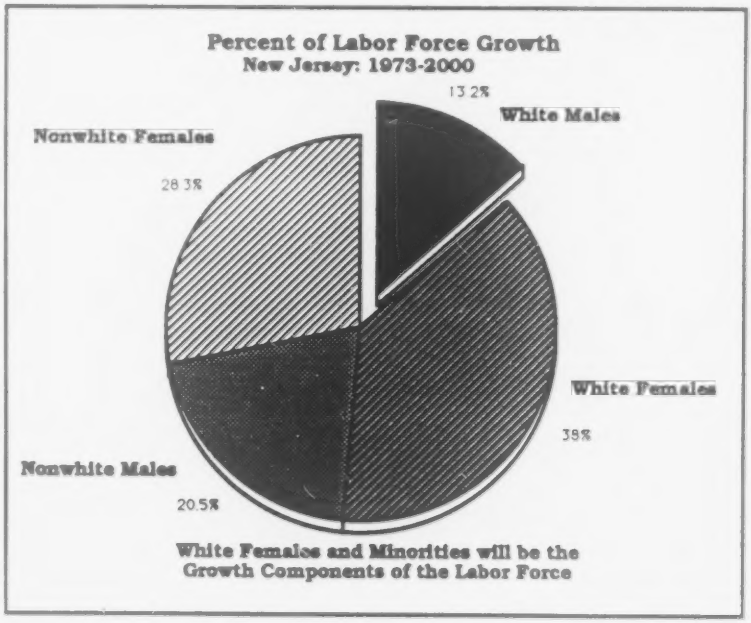
As New Jersey's economy has replicated that of the nation, the state's demography also has become a mirror image of the nation's. Demographics are shaping the labor force of the future. As previously stated, the current and projected labor scarcity is in good part demographic in nature and national in scope. Thus, it is not and will not be a phenomenon unique to New Jersey.

Total population growth will be slow, the population will become older and minorities will represent a larger share of total population during the period ahead. New Jersey's total population growth (0.8% annually from 1986 to 2000) will parallel the nation's projected slow growth (0.7% annually from 1986 to 2000). This compares with 0.6% for the state and 1.0% for the nation during the 1980s.



While increases in life expectancy will raise the median age of the population, it is the maturing of the baby-boom generation in combination with the younger, smaller-in-size baby-bust cohort which will be primarily responsible for the overall aging of the nation's and state's populations.

In 1980 nonwhites comprised 14% of New Jersey's population. By the year 2000, the nonwhite portion of the state's population will be almost 21%.



Through the year 2000, New Jersey's labor force is projected to expand at the same average annual rate as the nation as a whole (1.2% annually). This compares with a growth rate of 1.4% annually for non-

farm wage and salary employment, part of which will be achieved through reduced unemployment[3] and increased utilization of commuters from neighboring states.

Only 14% of New Jersey's labor force will be 16-to-24 years of age at the turn of the century, compared with about 19% in 1986. On the other hand, almost 51% of the state's labor force will be 35-to-54 years of age in the year 2000, compared with 38% in 1986.

White males will represent a smaller portion of the future labor force. Most of the growth through the year 2000 will be female and non-white.

Therefore, at the same time that industry will be demanding a more highly trained and skilled work force, the growth components of the labor force will be those that historically have tended to have lower than average levels of educational attainment.

THE SUPPLY/DEMAND DILEMMAS AND CHALLENGES

The slowing of labor force growth will result in a continued tight labor market -- a scarcity of labor for the state's expanding economy that will be reflected in a projected unemployment rate of 3.5% in the year 2000. This is substantially less than the 5% unemployment rate of 1986, but about the same as the 1988 rate of 3.8%.

From a purely demographic perspective, it would be difficult for the state's labor force to add substantial numbers beyond those projected. All members of the labor force through the year 2000 have already been born. Both in New Jersey and in the nation, those reaching working age for the remainder of the century will be from the "baby-bust" generation, a much smaller group than the baby-boom generation which joined the labor force in droves through the 1960s, 1970s and early 1980s. New Jersey will be in competition with the rest of the nation for workers from this much smaller-in-size labor force entrant pool. Only through sweeping changes in national immigration policy which would allow a dramatic increase in labor migration to the United States from abroad would the entrant pool be expanded sufficiently to reduce the shortage. At the same time, education and training needs could be expected to intensify as immigrant-skill levels would tend to be lower than those of the native population.

Barring any major change in national immigration policy, all potential sources of native labor need to be tapped to the maximum to help alleviate the shortage of labor. Such potential workers include dislocated workers and the structurally unemployed, the disabled, housewives, additional migrants and commuters and the "young old", i.e., retirees who might make themselves available for the right kinds of jobs.

The primary problem will be the mismatch of the skills of potential sources of labor and those being demanded by the job market. Adequate investment in training and upgraded educational programs will be essential to ensure that these potential sources can be employed to their optimums.

Since the scarcity of labor is not unique to New Jersey, the state will be in competition with the rest of the nation for a limited resource. Government and business will not only need to participate in the training process, but will need also to address the "personal" demands of the work force -- day care, flexible hours, jobsharing and affordable housing, for example.

Without adequate attention to these "personal" needs as well as to education and training, the work force of the 1990s will be ill-equipped to compete in the world economy.

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[3] The projected unemployment rate for the year 2000 is 3.5%, down from 5% in the base year 1986 but relatively unchanged from the 1988 rate of 3.8%.

STATISTICAL SECTION

Please Note:

Each year the data series in *Economic Indicators* are revised using new benchmarks and seasonal adjustment factors. For this reason, it would be incorrect to generate an historic time series for *Economic Indicators* data by taking old issues of the *Economic Indicators* and tying the series together.

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

For those series which are affected by the occurrence of five rather than four of a particular day of the week, during the course of a month in any given year, a statistical adjustment known as "trading day" has been made.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

Moving Averages. Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

Ratio Scales. Where ratio scales were used to show constant rates of change as straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

Inverted Scales. For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, caution should be exercised in making comparisons among charts.

MONTHLY AVERAGES

On Page S-37 are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

SERIES SOURCES

1-6	NJ Department of Labor Labor Market and Demographic Research US Bureau of Labor Statistics
7-16	NJ Department of Labor Labor Market and Demographic Research
17	US Bureau of Labor Statistics
18	NJ Department of Labor Labor Market and Demographic Research
19-20	Dun & Bradstreet, Inc.
21	Edison Electric Institute: 1969-1979 US Department of Energy, Energy Information Administration: 1980-present
22-24	McGraw-Hill Information Systems Company, F.W. Dodge Division
25-27	NJ Department of Labor Labor Market and Demographic Research
28-29	US Bureau of the Census NJ Department of Labor
30	R.L. Polk and Company
31-36	NJ Department of Labor Program Analysis & Evaluation

SERIES NOTES

1-6	The RESIDENT LABOR FORCE INDICATORS are based on the U.S. Bureau of Labor Statistics (BLS) monthly survey of 2,730 New Jersey households. On average, responses are obtained from about 2,300 households. The data series is based upon population estimates and weights derived from the 1980 U.S. Census of Population.

The data have been adjusted to 1988 population estimates produced by the U.S. Bureau of the Census.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

The New Jersey Department of Labor (NJDOL) agrees to publish the BLS approved estimates of labor force, employment, unemployment and unemployment rate for the State and all published areas, and agrees to label these data as the data used to allocate federal funds and determine eligibility for federal assistance programs. NJDOL reserves the right to publish alternate labor force and unemployment data for State purposes and will suitably label such data so as to distinguish them from the BLS approved series.

7-12 THE ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1988 benchmarks and reflect the 1972 SIC (*Standard Industrial Classification Manual*) changes. See information on page S-29 for additional information on estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1988 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MAN-HOURS BY MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS.

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS -PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living–food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the **Urban Wage Earners and Clerical Workers** series (CPI-W).

CPI-W is based on urban consumer units where more than one-half of the income is earned from clerical or wage occupations. In addition, one of the members must work for 37 weeks or more in an eligible occupation. The CPI-W population represented 30 percent of the total United States population in 1981.

The U.S. CPI is the **U.S. City Average.**

The N.Y. CPI is for the **New York, N.Y.-Northeastern New Jersey** area which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the **Philadelphia, Pa.-New Jersey** area which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania: Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 337-2404 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST-OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects of state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjustments are based on the average **Consumer Price Index for Urban Wage Earners and Clerical Workers** in the New York-Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

20 Business failures data beginning with January 1984 are not comparable to those prior to that date due to coverage of industries not previously included. Beginning in January 1984, all industries are included in the data.

21 Beginning with February 1987 issue of the Economic Indicators, data on total electric power sales have been replaced by industrial electric power sales. Industrial electric power sales are estimates of total electricity sales by utilities to industrial users only. They are based on a sample of utilities surveyed by the U.S. Energy Information Administration, as reported in Electric Power Monthly (DOE/EIA-0226).

22-24 THE CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 5 are not the sum of the data contained in series 22,23, and 24. The cumulative data contain retroactive revisions made after the monthly data were originally published. The monthly data have not been revised.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is the sum of seasonally adjusted residential and nonresidential construction contract awards and unadjusted nonbuilding construction contracts awards. The nonbuilding component does not exhibit a stable seasonal pattern.

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of New Jersey Residential Building Permits, published by the Labor Market and Demographic Research unit.

TOTAL PRIVATE DWELLING UNITS AUTHORIZED by building permits (Series 25) data is the sum of seasonally adjusted single-family and two-family dwelling units and unadjusted three-or-four family and multi-family dwelling units. Public housing units are not included in either the New Jersey or U.S. series and represent a tiny fraction of the total.

DWELLING UNITS (5 or MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multifamily structures with five or more units, except those in public housing. Data do not exhibit a stable seasonal pattern and are therefore not appropriate for seasonal adjustment.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1982-1984 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey Consumer Price Index for All Urban Consumers.

30 New passenger car registrations data are total new passenger cars registered in New Jersey, regardless of the State in which the sales occur, and include both domestically produced as well as imported vehicles.

Because of unemployment insurance coverage and other law changes affecting eligibility for benefits, data on unemployment insurance claims (Series 31-36) may not be directly comparable between years.

31 WEEKS CLAIMED (WEEKLY AVERAGE) is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

The INSURED UNEMPLOYMENT RATE (IUR) is the seasonally adjusted weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

32 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state UI program only.

33 The UNEMPLOYMENT INSURANCE EXHAUSTONS are from the regular state program only.

34-36 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week generally containing the 12th of the month, although the data are a count of the claims filed during the subsequent week.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 36) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

Data on insured unemployment in manufacturing and service-producing industries consist of the sum of the seasonally adjusted or unadjusted data for the respective industry components. The decision to seasonally adjust the component industries is based upon individual consideration of the industries and whether seasonal adjustment is statistically meaningful.

TABLE I
RESIDENT LABOR FORCE INDICATORS - I

1. Civilian Labor Force (000) Seasonally Adjusted Data

Date	1986 Adj.	1987 Adj.	1988 Adj.	1989 Adj.
Jan	3,881	3,867	4,001	4,046
Feb	3,900	3,923	3,981	4,045
Mar	3,840	3,972	3,981	4,010
Apr	3,864	3,962	3,969	3,977
May	3,907	4,020	3,945	3,952
Jun	3,935	3,978	3,957	3,971
Jul	3,933	3,955	3,969	3,976
Aug	3,927	3,987	3,976	
Sep	3,938	3,928	3,973	
Oct	3,932	4,016	3,963	
Nov	3,933	3,998	3,978	
Dec	3,908	3,988	4,043	

2. Resident Employment (000) Seasonally Adjusted Data

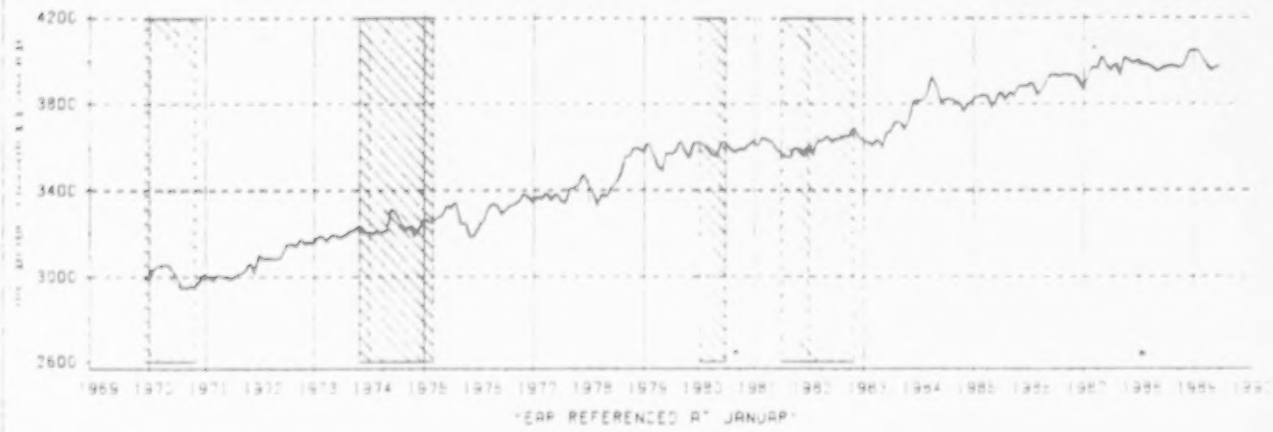
Date	1986 Adj.	1987 Adj.	1988 Adj.	1989 Adj.
Jan	3,644	3,720	3,850	3,888
Feb	3,673	3,756	3,841	3,884
Mar	3,672	3,821	3,825	3,890
Apr	3,671	3,797	3,826	3,816
May	3,702	3,854	3,798	3,834
Jun	3,734	3,811	3,810	3,806
Jul	3,725	3,794	3,823	3,814
Aug	3,739	3,820	3,823	
Sep	3,754	3,757	3,823	
Oct	3,727	3,857	3,810	
Nov	3,756	3,851	3,821	
Dec	3,743	3,835	3,875	

3. Unemployment (000) Seasonally Adjusted Data

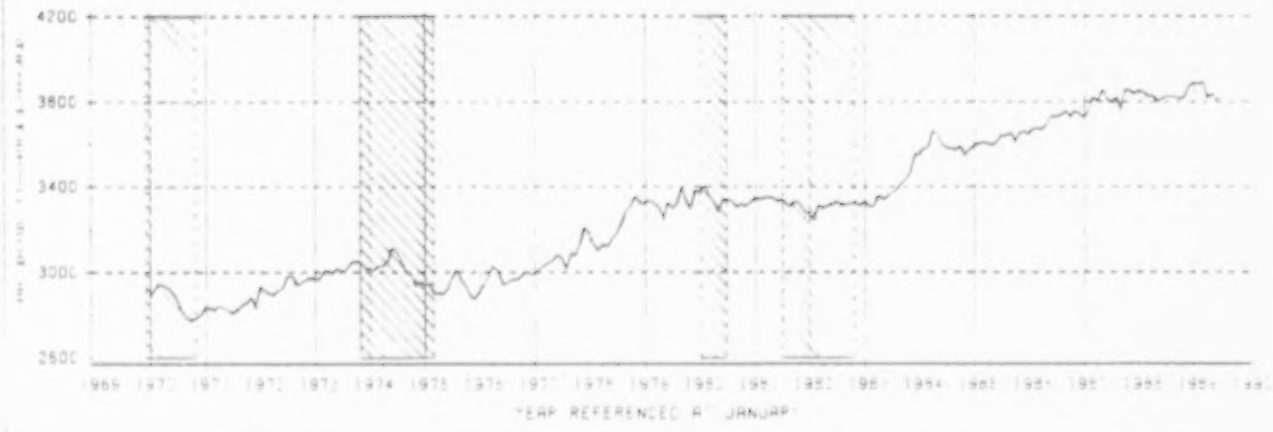
Date	1986 Adj.	1987 Adj.	1988 Adj.	1989 Adj.
Jan	237	147	151	158
Feb	227	167	140	159
Mar	168	151	156	120
Apr	193	165	143	161
May	205	166	147	118
Jun	201	167	147	165
Jul	208	161	146	162
Aug	188	167	153	
Sep	184	171	150	
Oct	205	159	153	
Nov	177	147	157	
Dec	165	153	168	

CHART I RESIDENT LABOR FORCE INDICATORS-I

1 CIVILIAN LABOR FORCE (000)



2 RESIDENT EMPLOYMENT (000)



3 UNEMPLOYMENT (000) -INVERTED

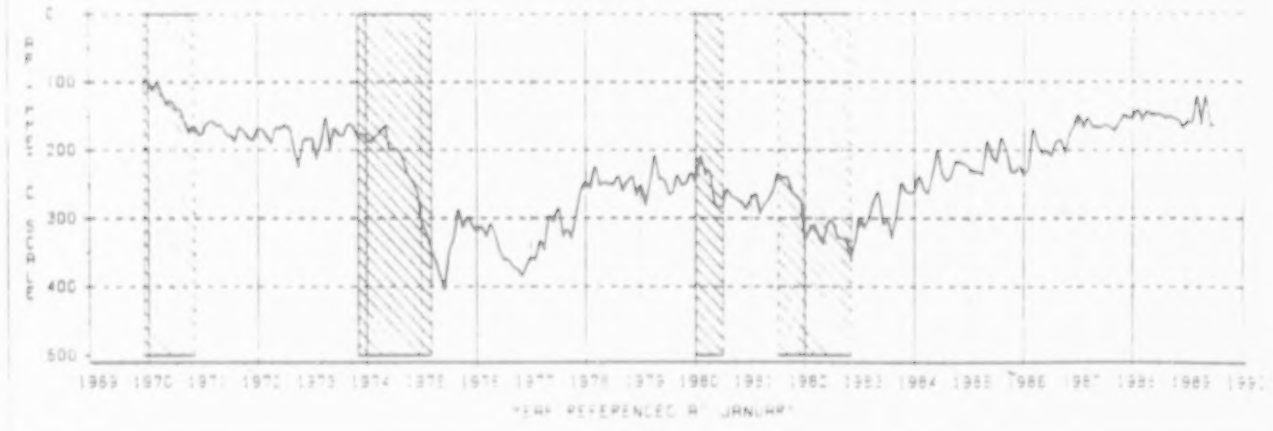


TABLE II
RESIDENT LABOR FORCE INDICATORS - II

4. Labor Force Participation Rate (%) Seasonally Adjusted Data

Date	1986	1987	1988	1989
	Adj.	Adj.	Adj.	Adj.
Jan	65.7	64.7	66.4	66.9
Feb	65.9	65.5	66.1	66.8
Mar	64.8	66.3	66.0	66.2
Apr	65.1	66.1	65.8	65.7
May	65.8	67.0	65.4	65.2
Jun	66.2	66.3	65.6	65.5
Jul	66.0	65.9	65.7	65.6
Aug	65.9	66.4	65.8	
Sep	66.0	65.3	65.7	
Oct	65.9	66.8	65.5	
Nov	65.8	66.4	65.8	
Dec	65.4	66.2	66.8	

5. Employment/Population Ratio (%) Seasonally Adjusted Data

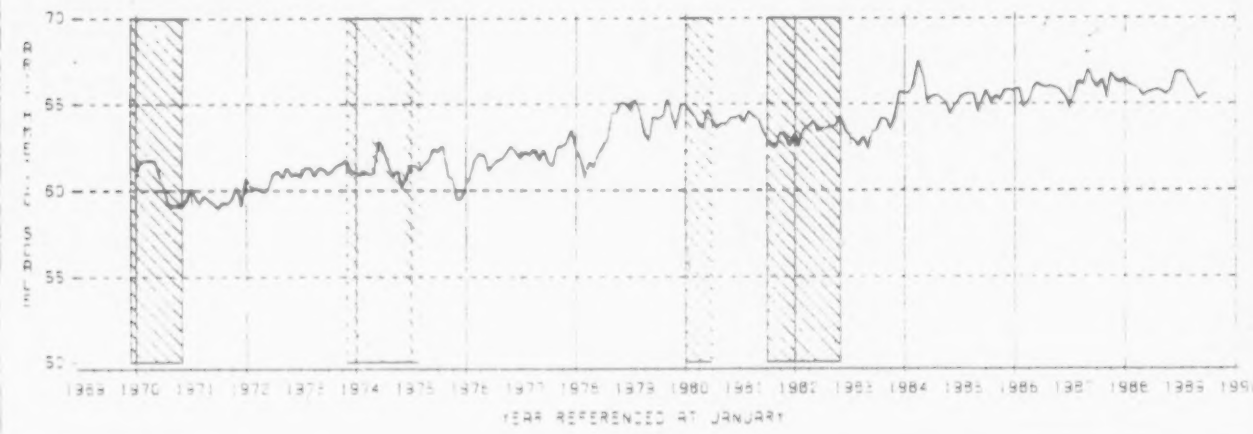
Date	1986	1987	1988	1989
	Adj.	Adj.	Adj.	Adj.
Jan	61.7	62.2	63.9	64.3
Feb	62.1	62.8	63.8	64.2
Mar	62.0	63.8	63.5	64.2
Apr	61.9	63.3	63.4	63.0
May	62.3	64.3	62.9	63.3
Jun	62.8	63.5	63.1	62.8
Jul	62.5	63.2	63.3	62.9
Aug	62.7	63.6	63.3	
Sep	62.9	62.5	63.3	
Oct	62.4	64.1	63.0	
Nov	62.9	64.0	63.2	
Dec	62.6	63.7	64.0	

6. Unemployment Rate (%) Seasonally Adjusted Data

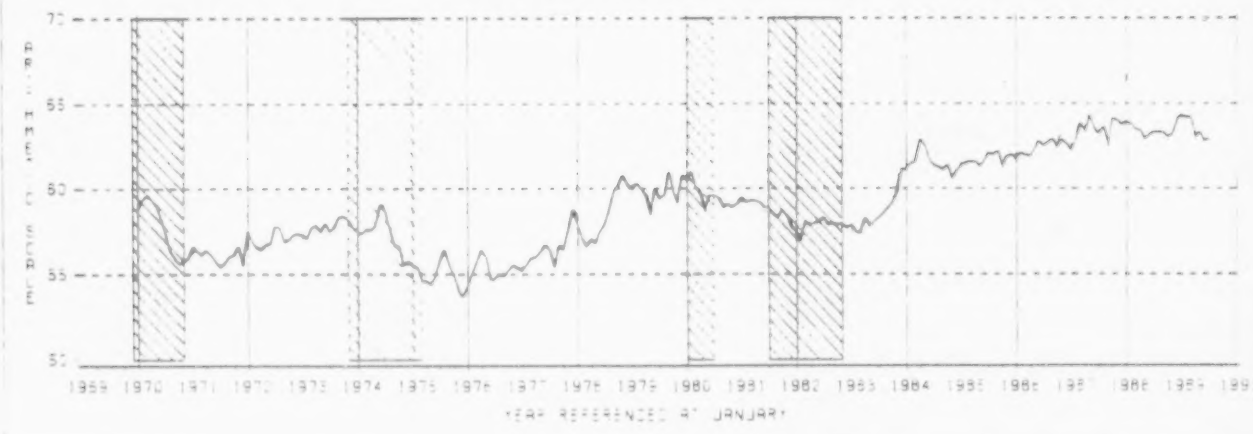
Date	1986	1987	1988	1989
	Adj.	Adj.	Adj.	Adj.
Jan	6.1	3.8	3.8	3.9
Feb	5.8	4.3	3.5	3.9
Mar	4.4	3.8	3.9	3.0
Apr	5.0	4.2	3.6	4.0
May	5.2	4.1	3.7	3.0
Jun	5.1	4.2	3.7	4.2
Jul	5.3	4.1	3.7	4.1
Aug	4.8	4.2	3.8	
Sep	4.7	4.4	3.8	
Oct	5.2	4.0	3.9	
Nov	4.5	3.7	3.9	
Dec	4.2	3.8	4.2	

CHART II RESIDENT LABOR FORCE INDICATORS–II

4. LABOR FORCE PARTICIPATION RATE (%)



5. EMPLOYMENT POPULATION RATIO (%



6. UNEMPLOYMENT RATE (%) INVERTED

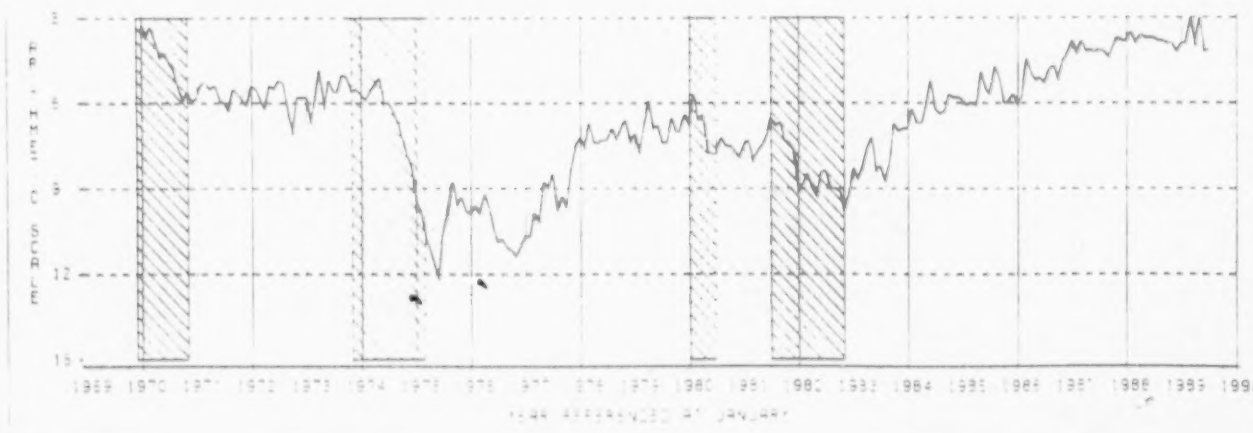


TABLE III
ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. Nonfarm Payroll Employment (000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3382.2	3448.9	3483.5	3555.7	3544.1	3617.5	3612.1	3687.6
Feb	3382.4	3456.7	3479.1	3557.5	3555.4	3635.7	3610.9	3692.2
Mar	3415.6	3462.8	3517.3	3567.4	3594.8	3645.9	3636.6	3688.1
Apr	3457.1	3470.2	3554.5	3568.7	3625.9	3639.9	3669.1	3683.0
May	3480.4	3474.1	3574.4	3569.6	3649.4	3645.3	3685.5	3680.3
Jun	3524.2	3473.6	3626.4	3576.1	3692.6	3642.6	3728.7R	3677.9R
Jul	3539.5	3492.4	3629.3	3581.7	3685.2	3637.8	3721.1P	3672.6P
Aug	3533.9	3490.1	3624.2	3580.1	3685.6	3641.9		
Sep	3511.6	3503.5	3599.3	3592.7	3662.9	3658.1		
Oct	3547.9	3528.6	3622.1	3601.4	3686.9	3666.6		
Nov	3550.4	3529.7	3630.8	3607.9	3696.4	3674.5		
Dec	3553.0	3535.8	3638.7	3618.5	3700.0	3681.1		

8. Private Sector Nonfarm Payroll Employment (000)

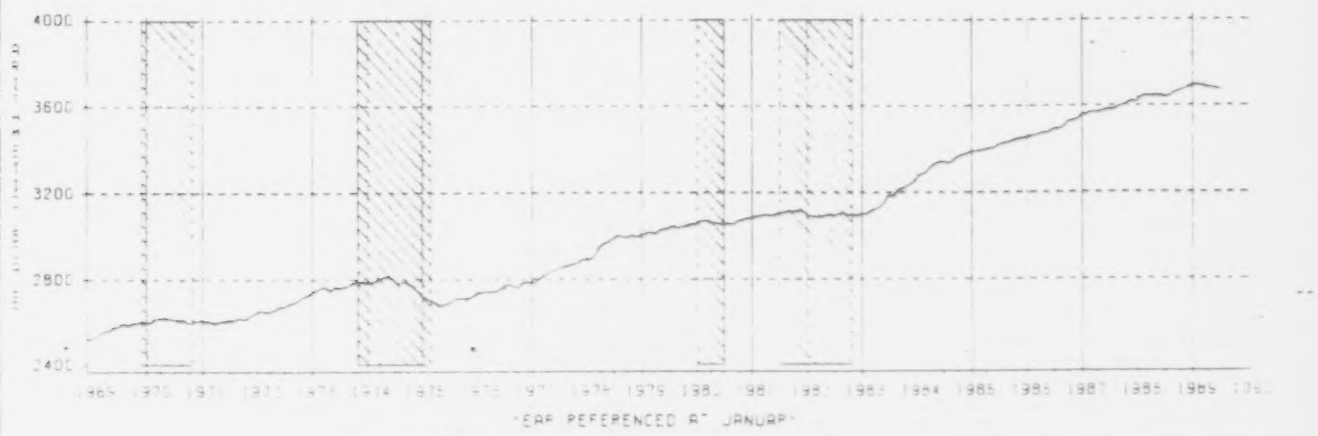
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2854.6	2918.7	2946.9	3015.6	3001.8	3071.4	3057.7	3129.4
Feb	2847.2	2923.6	2937.3	3017.3	3005.6	3087.4	3049.6	3132.5
Mar	2876.2	2929.0	2969.6	3025.3	3039.0	3095.9	3074.0	3131.3
Apr	2916.8	2935.3	3004.3	3024.4	3068.2	3088.6	3106.4	3126.7
May	2942.2	2939.0	3028.6	3026.9	3094.3	3093.4	3124.9	3122.9
Jun	2982.1	2937.7	3079.0	3034.9	3135.9	3092.2	3166.1R	3121.5R
Jul	3008.9	2958.6	3093.3	3041.7	3139.9	3088.0	3171.0P	3118.1P
Aug	3008.9	2958.6	3094.2	3043.2	3145.5	3094.5		
Sep	2990.1	2966.2	3074.9	3052.5	3123.9	3102.7		
Oct	3009.8	2989.4	3079.5	3057.9	3132.4	3111.2		
Nov	3005.6	2989.6	3081.3	3063.2	3135.7	3118.6		
Dec	3008.5	2995.2	3088.8	3072.7	3138.7	3123.7		

9. Public Sector Payroll Employment (000)

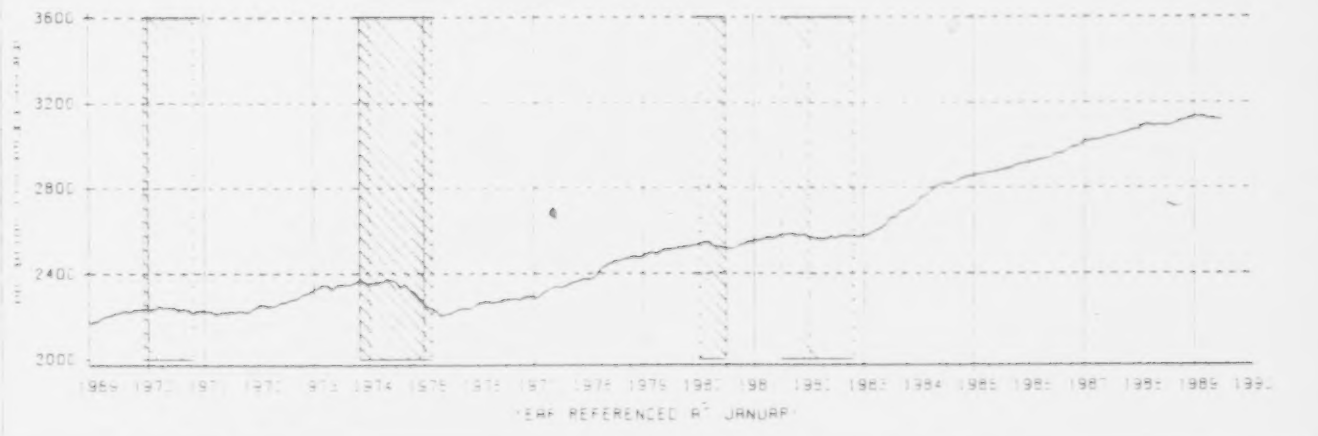
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	527.6	530.2	536.6	540.1	542.3	546.1	554.4	558.2
Feb	535.2	533.1	541.8	540.2	549.8	548.3	561.3	559.7
Mar	539.4	533.8	547.7	542.1	555.8	550.0	562.6	556.8
Apr	540.3	534.9	550.2	544.3	557.7	551.3	562.7	556.3
May	538.2	535.1	545.8	542.7	555.1	551.9	560.8	557.4
Jun	542.1	535.9	547.4	541.2	556.7	550.4	562.6R	556.4R
Jul	530.6	533.8	536.0	540.0	545.3	549.8	550.1P	554.5P
Aug	525.0	531.5	530.0	536.9	540.1	547.4		
Sep	521.5	537.3	524.4	540.2	539.0	555.4		
Oct	538.1	539.2	542.6	543.5	554.5	555.4		
Nov	544.8	540.1	549.5	544.7	560.7	555.9		
Dec	544.5	540.6	549.9	545.8	561.3	557.4		

CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I

7 NONFARM PAYROLL EMPLOYMENT (000)



8 PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)



9 PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

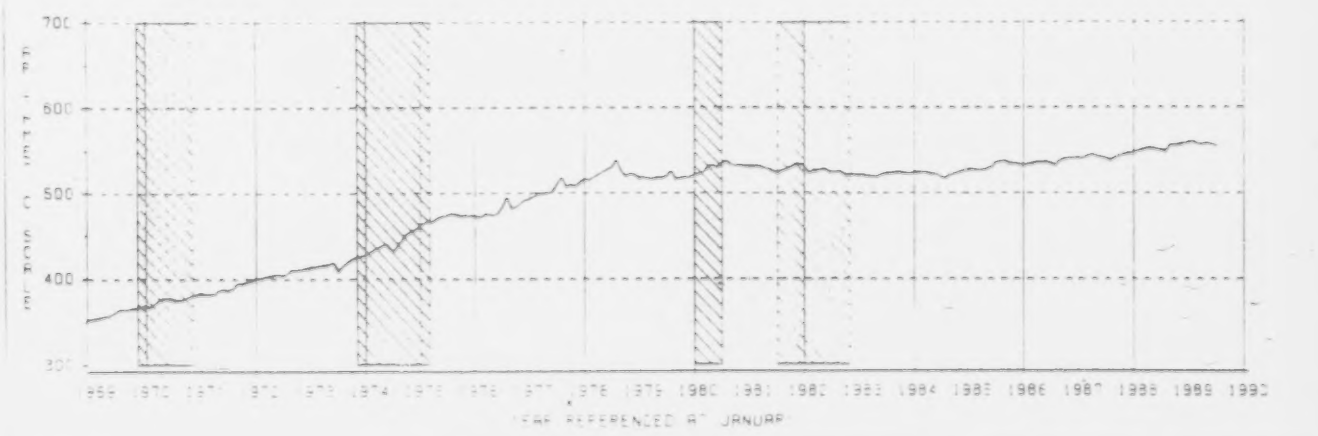


TABLE IV
ESTABLISHMENT EMPLOYMENT INDICATORS - II

10. Manufacturing Payroll Employment (000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	687.6	696.4	674.5	683.4	658.2	666.7	656.5	664.8
Feb	690.4	696.2	677.0	682.9	664.0	669.5	658.2	663.5
Mar	692.8	694.9	679.9	682.0	667.1	669.0	660.1	662.1
Apr	693.1	695.2	675.2	677.4	664.9	667.0	659.1	661.3
May	691.5	691.7	676.6	676.8	666.8	667.0	661.3	661.4
Jun	695.9	690.3	680.6	675.3	671.8	666.7	665.0R	659.8R
Jul	687.0	688.5	673.1	674.6	663.8	665.4	658.8P	660.3P
Aug	688.4	685.4	674.8	672.1	667.6	665.3		
Sep	692.0	686.1	677.3	671.8	669.5	664.5		
Oct	691.5	686.6	675.0	670.5	668.5	664.5		
Nov	690.1	686.6	673.0	669.5	667.3	664.2		
Dec	685.2	686.6	667.8	668.9	663.3	664.7		

11. Construction Payroll Employment (000)

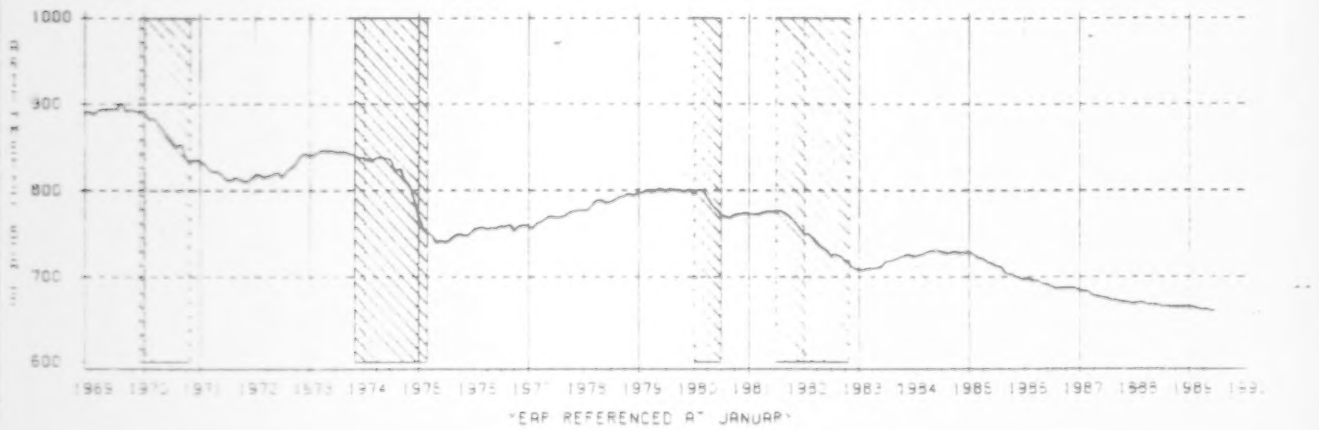
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	133.9	148.0	149.2	164.7	150.2	165.6	162.4	179.1
Feb	128.9	148.2	141.8	162.5	150.1	171.7	156.9	179.5
Mar	134.3	148.0	149.4	164.3	159.3	175.0	163.8	180.0
Apr	147.3	150.9	158.5	162.1	168.6	172.3	174.6	178.5
May	153.3	151.3	164.1	162.2	174.2	172.3	178.2	176.3
Jun	159.2	152.7	170.7	163.8	180.5	173.3	182.3R	175.0R
Jul	165.0	155.2	174.2	164.0	183.8	173.0	184.8P	174.0P
Aug	165.7	155.3	174.8	164.1	185.2	174.0		
Sep	163.0	155.5	172.9	165.2	183.6	175.5		
Oct	166.5	157.8	175.0	166.1	184.0	174.7		
Nov	164.2	158.2	172.9	166.8	181.5	175.3		
Dec	158.9	156.9	169.8	167.6	178.3	176.0		

12. Private Service-Producing Industries Payroll Employment (000)

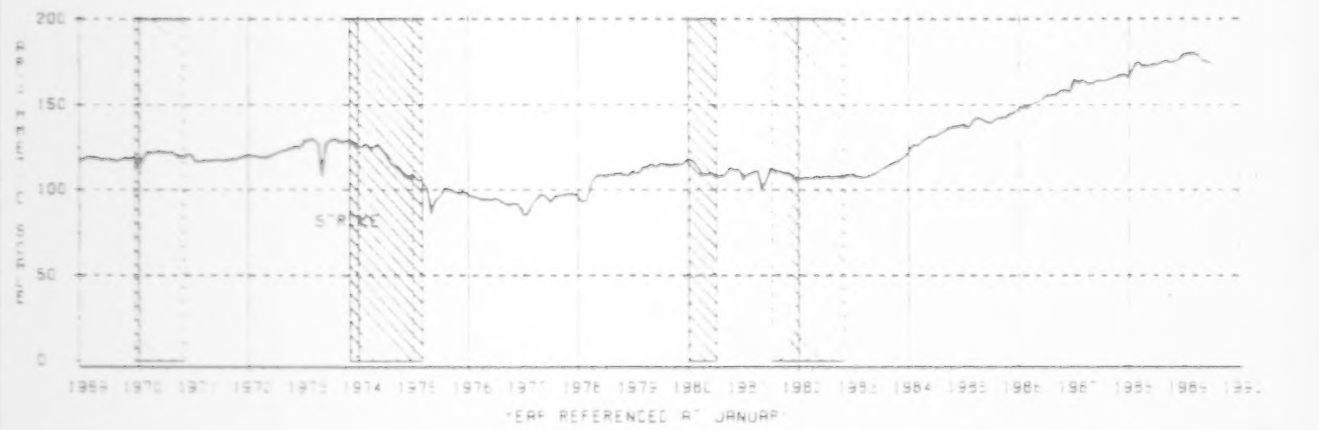
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2031.2	2072.1	2121.2	2165.3	2191.1	2236.6	2236.5	2283.0
Feb	2026.0	2077.0	2116.6	2169.7	2189.4	2243.8	2232.1	2286.8
Mar	2047.1	2084.0	2138.2	2176.7	2210.4	2249.5	2247.7	2286.6
Apr	2074.3	2087.1	2168.4	2182.7	2232.4	2247.0	2270.3	2284.5
May	2095.2	2093.9	2185.6	2185.6	2251.0	2251.8	2282.9	2282.7
Jun	2124.8	2092.6	2225.4	2193.6	2281.2	2249.9	2316.3R	2284.3R
Jul	2154.7	2112.8	2243.5	2200.7	2290.0	2247.4	2324.9P	2281.4P
Aug	2152.6	2115.8	2242.1	2204.6	2290.3	2252.9		
Sep	2132.9	2122.5	2222.3	2213.2	2268.4	2260.4		
Oct	2149.6	2142.9	2227.0	2218.9	2277.5	2269.7		
Nov	2149.1	2142.7	2233.0	2224.5	2284.4	2276.7		
Dec	2162.2	2149.5	2248.8	2233.9	2294.6	2280.6		

CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II

10 MANUFACTURING PAYROLL EMPLOYMENT(000)



11 CONSTRUCTION PAYROLL EMPLOYMENT (000)



12 PRIVATE SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

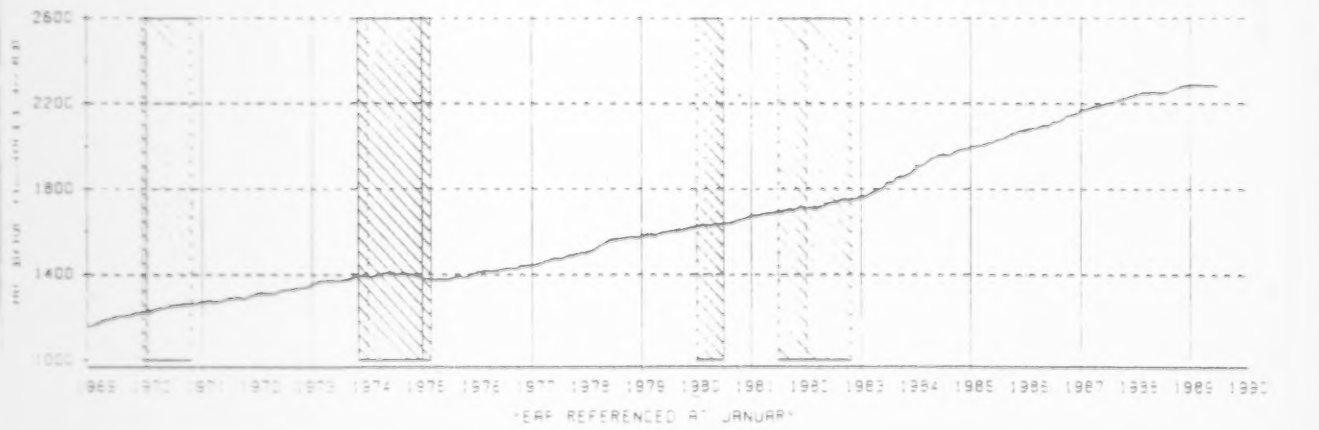


TABLE V
PRODUCTION WORKERS INDICATORS

13. Manufacturing Employment-Production Workers (000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	423.6	429.8	424.0	430.3	410.6	416.5	415.7	421.6
Feb	428.3	430.8	425.6	428.2	416.2	418.6	418.1	420.6
Mar	429.2	428.9	429.3	428.9	419.5	418.9	420.4	420.0
Apr	429.2	430.7	423.8	425.5	417.6	419.3	419.7	421.4
May	427.0	427.6	426.0	426.7	419.4	420.2	420.0	420.8
Jun	430.5	427.5	428.5	425.8	422.4	419.8	423.1R	420.6R
Jul	424.3	429.6	418.4	423.8	414.7	420.1	416.6P	422.1P
Aug	426.6	427.2	422.2	423.2	419.2	420.5		
Sep	432.7	428.0	428.9	424.4	424.6	420.2		
Oct	434.0	429.2	428.3	423.5	424.6	420.0		
Nov	435.6	431.3	425.5	421.2	424.6	420.3		
Dec	429.9	429.5	423.0	422.4	422.2	421.7		

14. Manufacturing Workweek-Production Workers (Hours)

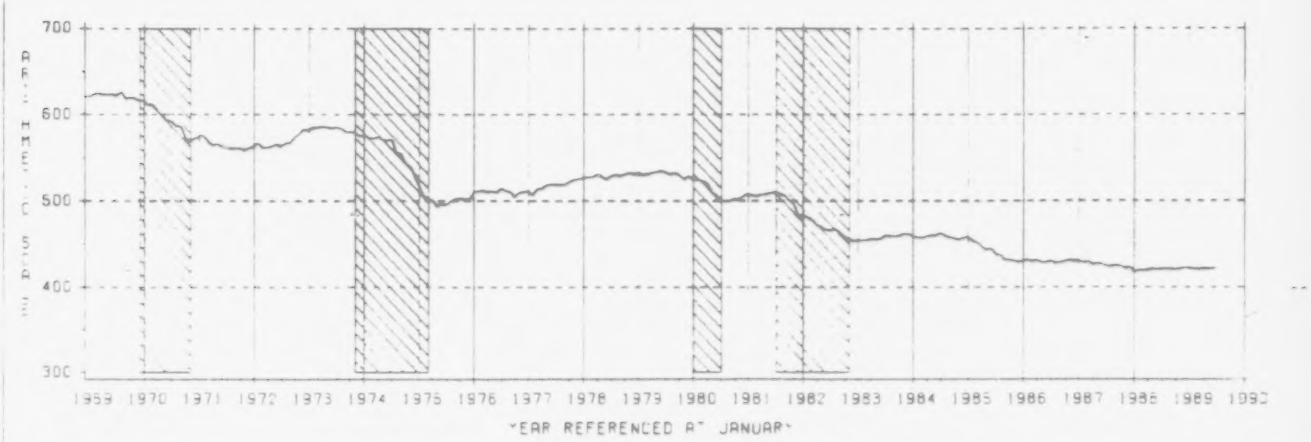
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	41.4	41.5	41.4	41.5	41.0	41.1	41.3	41.4
Feb	40.6	40.7	41.2	41.3	41.0	41.1	41.2	41.3
Mar	41.3	41.1	41.5	41.3	41.4	41.2	41.2	41.0
Apr	41.1	41.2	40.9	41.0	41.0	41.1	40.9	41.0
May	41.1	41.2	41.1	41.2	40.9	41.0	41.0	41.1
Jun	41.3	41.3	41.1	41.1	41.0	41.0	41.1	41.1
Jul	40.5	41.0	40.6	41.1	40.3	40.8	40.5P	41.0P
Aug	41.0	41.3	40.7	41.1	40.4	40.8		
Sep	41.2	41.2	40.9	40.9	40.9	40.9		
Oct	41.1	40.9	41.3	41.1	41.1	40.9		
Nov	41.7	41.3	41.7	41.2	41.3	40.9		
Dec	41.5	41.1	41.7	41.2	41.5	41.1		

15. Aggregate Manufacturing Weekly Manhours-Production Workers (000)

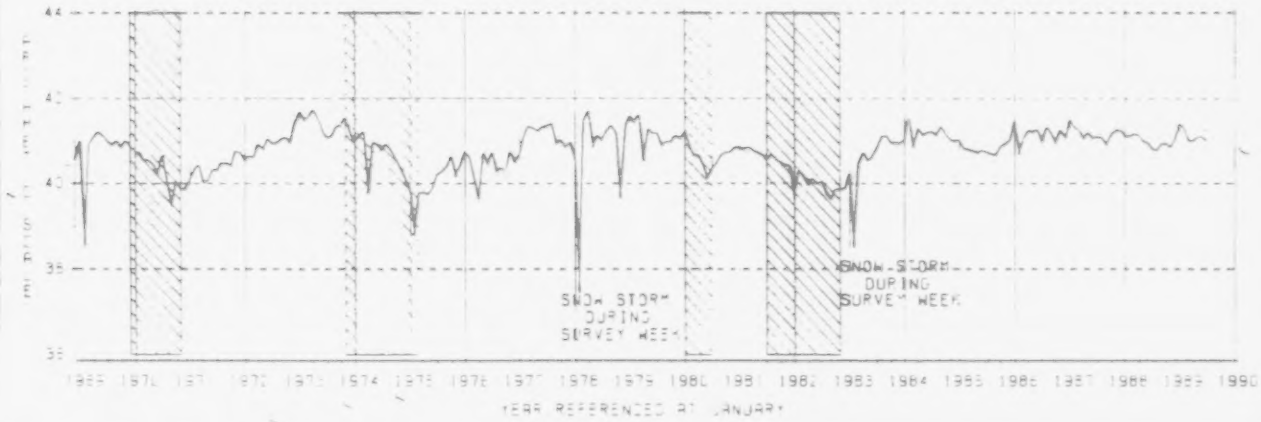
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	17,537	17,837	17,554	17,857	16,835	17,118	17,168	17,454
Feb	17,389	17,534	17,535	17,685	17,064	17,204	17,226	17,371
Mar	17,726	17,628	17,816	17,714	17,367	17,259	17,320	17,220
Apr	17,640	17,745	17,333	17,446	17,122	17,233	17,166	17,277
May	17,550	17,617	17,509	17,580	17,153	17,228	17,220	17,295
Jun	17,780	17,656	17,611	17,500	17,318	17,212	17,389R	17,287R
Jul	17,184	17,614	16,987	17,418	16,712	17,140	16,872P	17,306P
Aug	17,491	17,643	17,184	17,394	16,936	17,156		
Sep	17,827	17,634	17,542	17,358	17,366	17,186		
Oct	17,837	17,554	17,689	17,406	17,451	17,178		
Nov	18,165	17,813	17,743	17,353	17,536	17,190		
Dec	17,841	17,652	17,639	17,403	17,521	17,332		

CHART V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT – PRODUCTION WORKERS (000)



14. MANUFACTURING WORKWEEK – PRODUCTION WORKERS (HOURS)



15. AGGREGATE MANUFACTURING WEEKLY MANHOURS – PRODUCTION WORKERS (000)

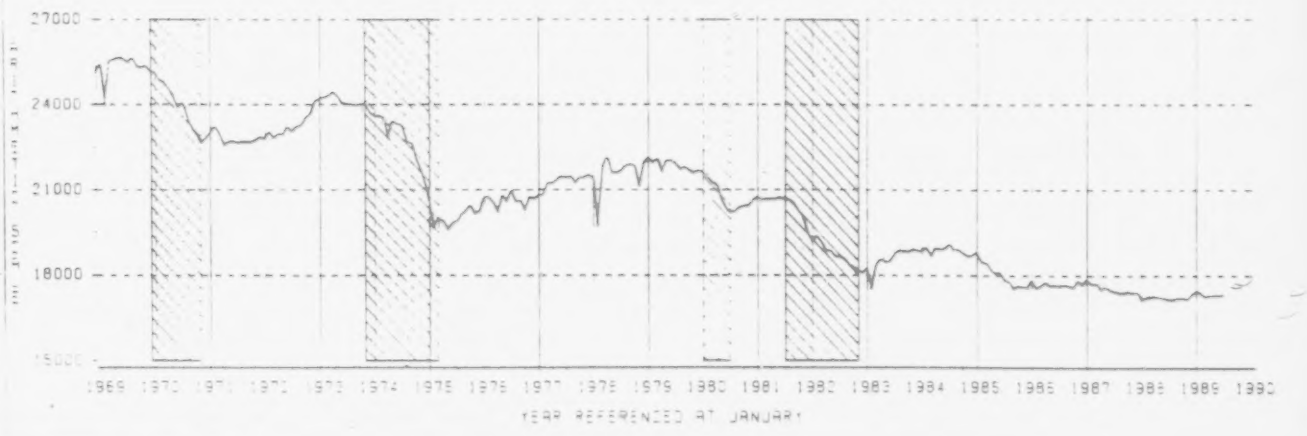


TABLE VI
EARNINGS AND PRICE INDICATORS

16. Weekly Earnings of Manufacturing Production Workers ($)

Date	1986	1987	1988	1989
	Unadj.	Unadj.	Unadj.	Unadj.
Jan	416.90	425.18	439.52	460.08
Feb	408.44	422.71	441.98	459.38
Mar	415.07	424.55	444.64	460.62
Apr	412.64	423.72	442.80	459.72
May	413.06	425.39	442.13	462.07
Jun	419.20	425.39	444.85	464.84R
Jul	410.27	422.65	438.46	460.49P
Aug	415.33	421.65	437.94	
Sep	417.36	427.41	448.26	
Oct	415.93	432.41	453.74	
Nov	424.51	438.27	455.54	
Dec	427.04	447.02	461.90	

17. CPI For Urban Wage Earners & Clerical Workers (Unadj. Index 1982-84=100)

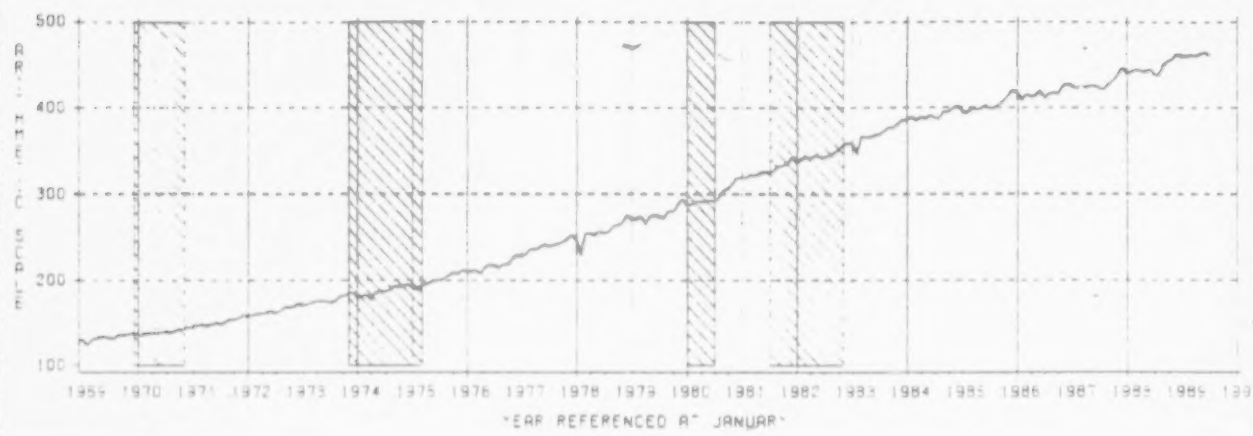
Date	1986			1987			1988			1989		
	U.S.	N.Y.	PA.	U.S.	N.Y.	PA.	U.S.	N.Y.	PA.	U.S.	N.Y.	PA.
Jan	108.9	110.9	111.2	110.0	113.2	113.3	114.5	119.6	119.3	119.7	125.1	125.5
Feb	108.5	110.5	111.1	110.5	113.8	113.6	114.7	119.3	119.0	120.2	125.5	125.4
Mar	107.9	110.5	110.6	111.0	114.4	113.8	115.1	119.7	119.5	120.8	126.8	125.8
Apr	107.6	110.0	110.1	111.6	115.3	115.3	115.7	120.6	119.8	121.8	127.5	126.7
May	107.9	109.7	110.4	111.9	116.0	116.2	116.2	120.7	120.8	122.5	128.2	127.9
Jun	108.4	110.4	111.4	112.4	116.5	117.2	116.7	121.2	121.8	122.8	128.7	128.9
Jul	108.4	111.2	111.8	112.7	116.5	117.3	117.2	121.7	123.1	123.2	128.7	129.3
Aug	108.6	111.4	111.7	113.3	117.4	118.4	117.7	122.2	123.6			
Sep	109.1	111.5	112.5	113.8	118.5	118.5	118.5	124.1	124.9			
Oct	109.1	111.9	112.3	114.1	118.8	119.0	118.9	124.3	124.4			
Nov	109.2	111.9	112.0	114.3	119.1	118.6	119.0	124.1	125.0			
Dec	109.3	112.4	112.5	114.2	119.1	119.0	119.2	124.1	125.2			

18. Net Spendable Wkly Earnings of Mfg. Workers in 1982-84 Dollars (Unadj.)

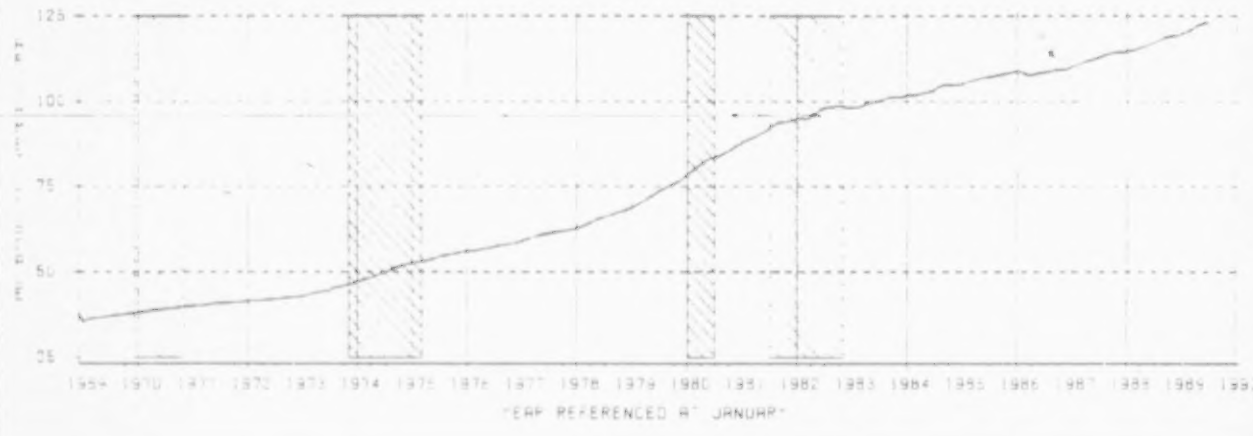
Date	1986		1987		1988		1989	
	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.	Single	3 Dep.
Jan	284.25	307.63	293.34	314.80	287.49	307.67	286.25	306.59
Feb	280.11	302.79	290.95	312.05	289.49	310.00	285.45	305.68
Mar	284.47	307.82	290.94	312.17	289.90	310.64	284.25	304.49
Apr	284.34	307.57	287.46	308.38	287.50	307.94	282.02	302.04
May	284.59	307.86	286.37	307.35	285.73	305.99	280.96	301.06
Jun	286.10	309.70	284.41	305.24	285.47	305.91	280.77R	301.05R
Jul	279.18	301.88	282.95	303.46	280.14	299.72	278.24P	298.04P
Aug	281.85	305.00	280.03	300.25	278.74	298.19		
Sep	282.01	305.23	281.64	302.41	280.29	300.61		
Oct	280.94	304.03	283.31	304.58	283.25	304.17		
Nov	286.11	309.89	286.38	308.33	283.69	304.78		
Dec	286.29	310.15	290.49	313.38	286.62	308.38		

CHART VI EARNINGS AND PRICE INDICATORS

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED



17 U.S. CONSUMER PRICE INDEX FOR URBAN AND CLERICAL WORKERS (UNADJUSTED INDEX 1982-84=100)



18 NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS (3 DEPENDENTS) IN 1982-84 DOLLARS (UNADJ)

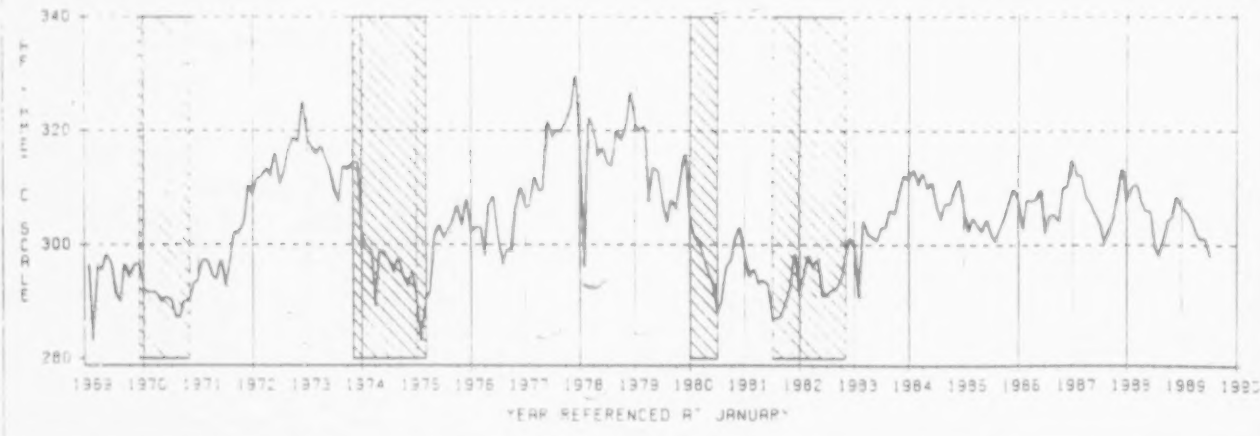


TABLE VII
GENERAL BUSINESS INDICATORS

19. New Business Incorporations (Number)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2,910	2,682	2,595	2,547	2,322	2,355	2,669	2,599
Feb	2,539	2,797	2,315	2,574	3,198	3,479	2,810	3,141
Mar	2,787	2,582	3,183	2,831	3,501	2,925	2,946	2,525
Apr	3,345	2,912	3,287	2,831	2,698	2,481	2,393	2,199
May	3,009	2,859	2,873	2,755	3,131	2,854	3,322	2,906
Jun	2,580	2,726	2,737	2,806	2,717	2,684	2,547	2,626
Jul	2,975	2,832	2,586	2,533	2,680	2,840		
Aug	2,476	2,733	2,521	2,783	2,486	2,549		
Sep	2,639	2,917	2,110	2,270	2,223	2,514		
Oct	2,719	2,609	2,323	2,340	2,836	2,921		
Nov	2,175	2,567	2,440	2,846	2,387	2,615		
Dec	2,976	2,817	2,859	2,667	2,480	2,502		

20. Business Failures (Number)

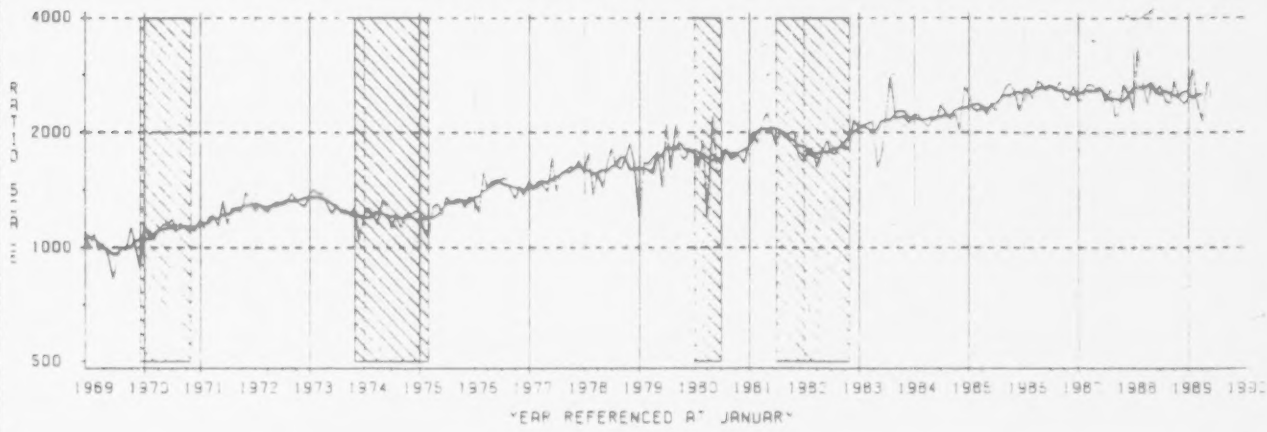
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	96	92	61	64	65	71		
Feb	71	76	58	61	80	82		
Mar	95	77	66	56	106	80		
Apr	75	63	84	70	87	79		
May	94	80	67	57	100	86		
Jun	56	60	67	71	91	86		
Jul	63	66	64	63	68	76		
Aug	46	49	49	53	86	86		
Sep	56	75	63	79	42	57		
Oct	97	86	66R	61R	32	30		
Nov	68	80	42R	49R	61	65		
Dec	95	102	60R	67	42	50		

21. Industrial Electric Power Sales (Millions of Kilowatt-Hours)

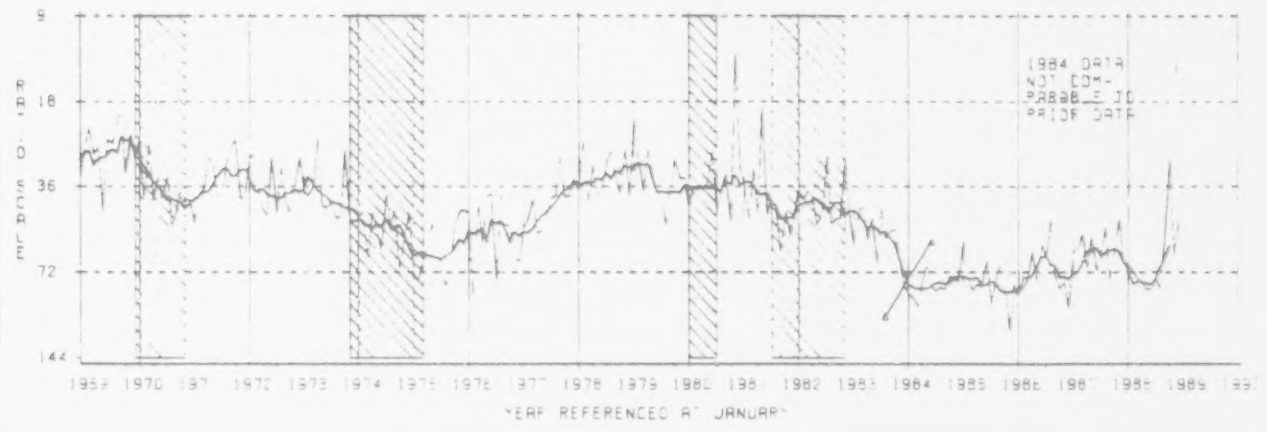
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	1,233	1,295	1,234	1,292	1,250	1,324	1,214	1,278
Feb	1,249	1,332	1,238	1,315	1,282	1,305	1,259	1,333
Mar	1,253	1,255	1,300	1,304	1,296	1,296	1,304	1,308
Apr	1,246	1,294	1,285	1,332	1,278	1,320	1,248	1,302
May	1,361	1,322	1,347	1,322	1,316	1,281	1,345	1,301
Jun	1,347	1,307	1,353	1,298	1,360	1,317		
Jul	1,372	1,294	1,398	1,319	1,397	1,329		
Aug	1,310	1,289	1,318	1,292	1,370	1,331		
Sep	1,388	1,335	1,313	1,276	1,351	1,293		
Oct	1,346	1,306	1,281	1,237	1,383	1,346		
Nov	1,253	1,289	1,306	1,342R	1,296	1,324		
Dec	1,230	1,281	1,234	1,293	1,281	1,344		

CHART VII GENERAL BUSINESS INDICATORS

19 NEW BUSINESS INCORPORATIONS (NUMBER) SIX-MONTH MOVING AVERAGE



20 BUSINESS FAILURES (NUMBER) SIX-MONTH MOVING AVERAGE - INVERTED



21 INDUSTRIAL ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

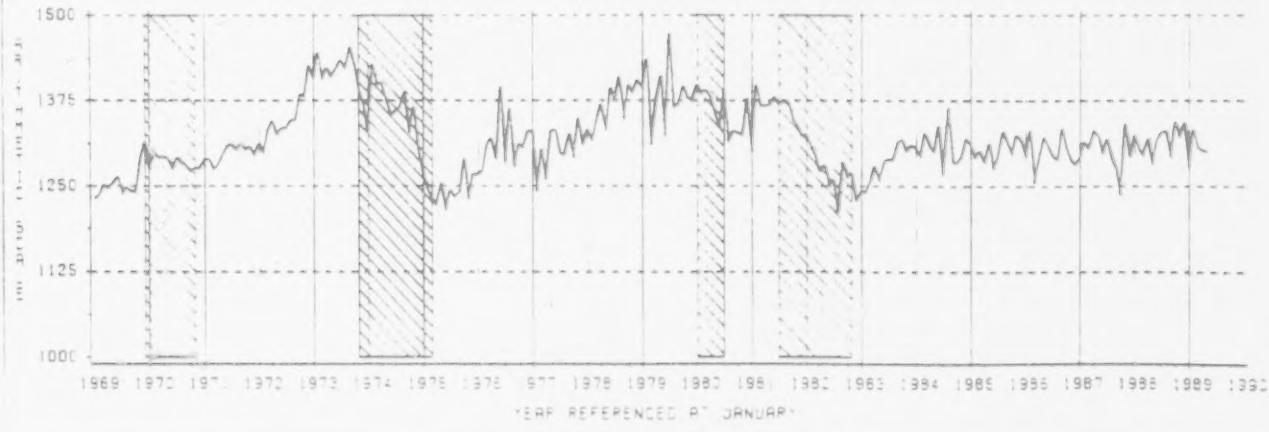


TABLE VIII
CONSTRUCTION CONTRACT INDICATORS

22. Total Construction Contracts Awarded ($000,000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	436.6	595.3	431.7	620.0	552.7	733.3	438.8	607.4
Feb	395.0	570.6	570.3	826.4	574.2	815.7	389.1	545.9
Mar	643.6	658.5	858.0	898.4	608.2	552.4	630.6	575.4
Apr	965.7	1000.8	628.4	667.6	609.9	618.5	723.6	734.2
May	819.7	753.2	701.2	624.9	955.5	840.2	675.8	594.2
Jun	786.3	657.3	849.2	709.4	890.2	758.1	502.8	425.3
Jul	850.9	769.4	820.0	734.3	739.8R	690.7R	736.4	678.2
Aug	723.0	607.8	827.3	690.8	876.7	735.7		
Sep	959.8	932.6	716.5	702.4	670.4	660.1		
Oct	1071.8	975.6	812.9	739.7	655.8	601.8		
Nov	703.2	683.6	873.8	853.9	575.9	561.4		
Dec	547.2	646.0	763.2	806.5	623.8	658.0		

23. Residential Construction Contracts Awarded ($000,000)

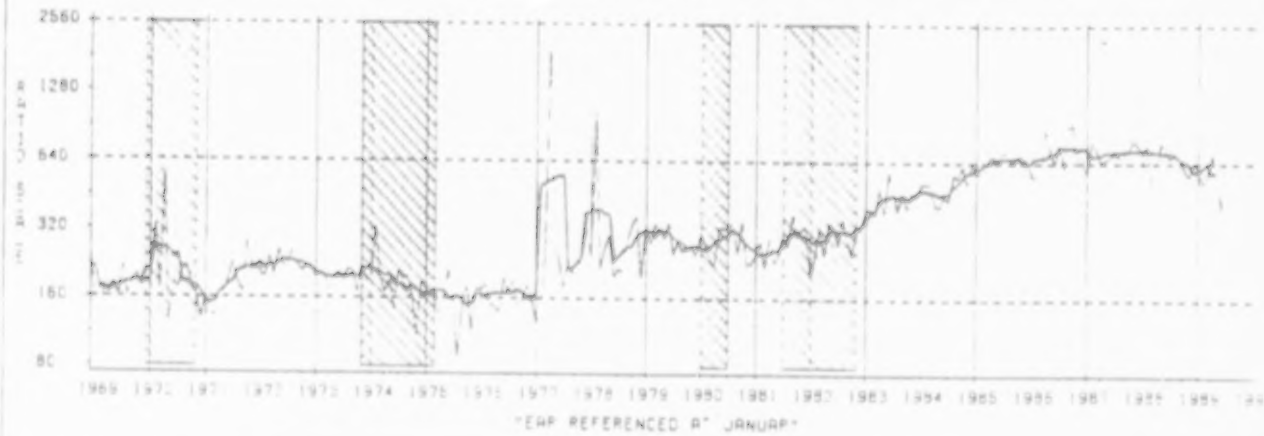
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	249.4	357.4	190.3	294.0	192.0	306.2	164.6	262.4
Feb	186.6	301.3	251.3	392.7	264.6	401.8	158.8	241.2
Mar	320.5	303.0	387.2	360.6	370.3	344.5	243.7	226.7
Apr	557.3	544.1	314.8	308.7	348.0	342.5	342.1	336.7
May	510.5	440.1	298.0	258.5	388.8	341.5	249.7	219.3
Jun	433.4	341.0	455.1	364.4	354.0	284.1	264.9	212.6
Jul	371.7	357.8	368.5	346.3	352.0R	327.1R	209.8	195.0
Aug	361.2	296.4	424.5	344.9	470.8	380.8		
Sep	352.7	354.1	316.4	332.5	283.6	302.2		
Oct	662.3	601.0	404.3	362.8	340.8	307.0		
Nov	340.2	372.2	312.8	345.3	261.7	289.7		
Dec	269.4	333.6	439.1	455.6	314.8	319.3		

24. Nonresidential Construction Contracts Awarded ($000,000)

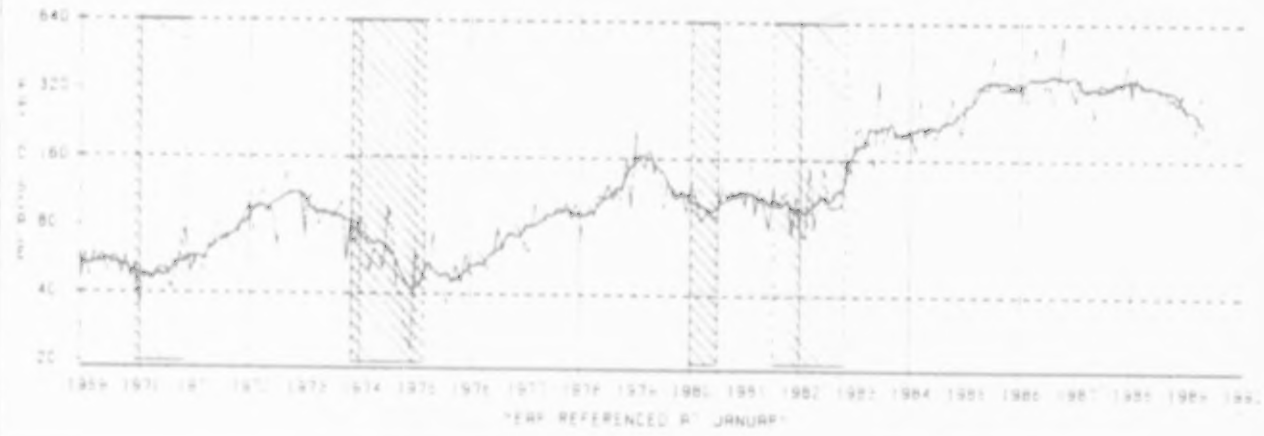
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	142.0	179.1	169.1	220.7	237.0	303.4	205.5	276.2
Feb	140.6	210.2	266.4	403.8	195.5	299.7	139.7	214.1
Mar	230.8	202.0	391.4	335.4	188.5	158.5	239.9	201.7
Apr	307.5	325.0	234.1	253.2	172.8	186.8	197.7	213.8
May	184.0	195.7	259.1	277.1	230.0	244.6	313.8	333.6
Jun	280.3	224.9	278.9	221.3	314.5	252.2	127.2	102.0
Jul	305.5	286.8	351.0	322.4	233.1R	208.9R	418.3	374.9
Aug	258.0	219.0	305.5	255.5	315.5	264.7		
Sep	451.4	462.1	273.6	277.1	224.1	226.2		
Oct	268.6	254.5	302.3	291.6	178.4	175.0		
Nov	261.1	234.2	477.0	432.8	241.9	219.4		
Dec	197.9	236.7	213.9	242.9	198.3	227.0		

CHART VIII CONSTRUCTION CONTRACT INDICATORS

22 TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



23 RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



24 NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE

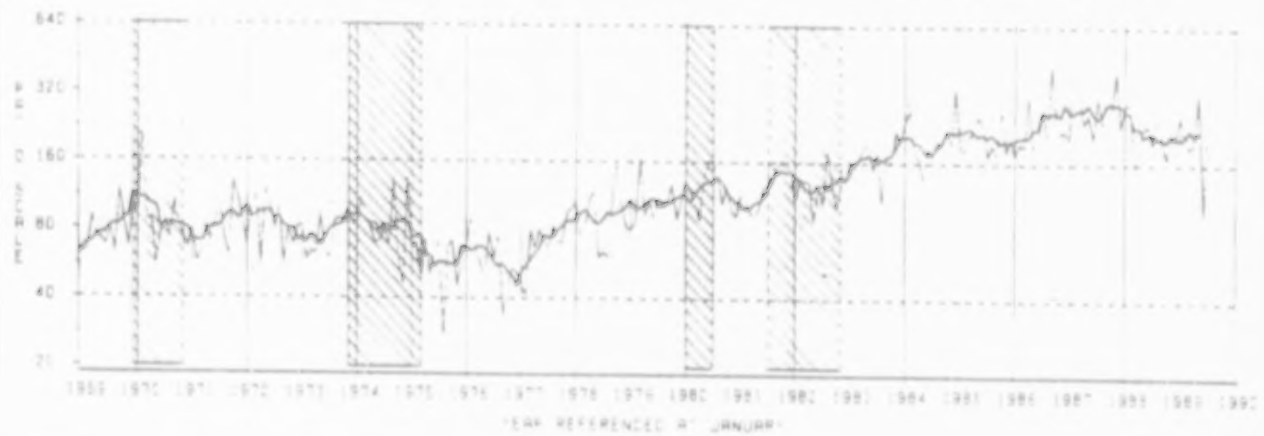


TABLE IX
PRIVATE RESIDENTIAL BUILDING PERMITS INDICATORS

25. Total Private Dwelling Units Authorized By Building Permits (Number)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2,558	3,751	2,677	3,663	1,776	2,563	1,979	2,569
Feb	1,876	2,871	2,560	3,831	1,740	2,438	1,986	2,640
Mar	3,098	3,370	3,797	3,760	3,555	3,611	2,293	2,371
Apr	4,818	4,540	3,362	4,009	2,993	2,865	2,904	2,888
May	4,531	4,066	3,423	3,170	3,323	3,035	2,491	2,205
Jun	4,474	4,033	4,553	3,205	3,186	2,851	2,685	2,368
Jul	3,998	3,615	3,410	3,965	2,833	2,743		
Aug	3,901	3,726	2,890	3,125	2,920	2,711		
Sep	4,778	4,485	3,496	3,320	2,522	2,396		
Oct	4,073	3,721	3,326	3,039	2,870	2,707		
Nov	3,285	3,526	2,805	2,973	2,298	2,375		
Dec	4,416	4,182	3,022	2,830	1,847	1,771		

26. Private Single-Family Dwelling Units Auth. By Bldg. Permits (Number)

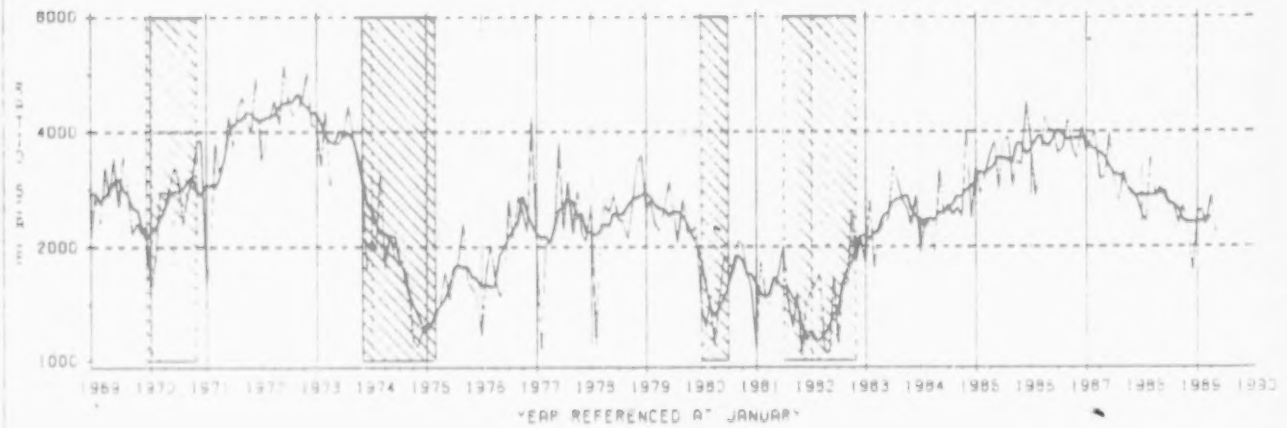
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	2,147	3,326	1,942	2,913	1,307	2,076	1,138	1,716
Feb	1,414	2,383	1,929	3,181	1,242	1,917	998	1,636
Mar	2,222	2,516	2,640	2,875	2,532	2,641	1,380	1,470
Apr	3,989	3,731	2,577	2,392	2,176	2,033	1,730	1,717
May	3,066	2,608	2,628	2,422	2,138	1,876	1,714	1,442
Jun	3,482	3,060	3,057	2,488	1,998	1,686	1,866	1,552
Jul	2,858	2,473	2,603	2,299	2,195	2,086		
Aug	2,885	2,666	1,829	1,687	1,964	1,705		
Sep	2,910	2,599	2,749	2,573	1,893	1,753		
Oct	3,202	2,873	2,252	1,988	2,120	1,964		
Nov	2,443	2,699	1,883	2,046	1,642	1,732		
Dec	3,162	2,937	2,278	2,112	1,271	1,194		

27. Private Multi-Family (5 or more) Dwelling Units Auth. By Bldg Permits (Number)

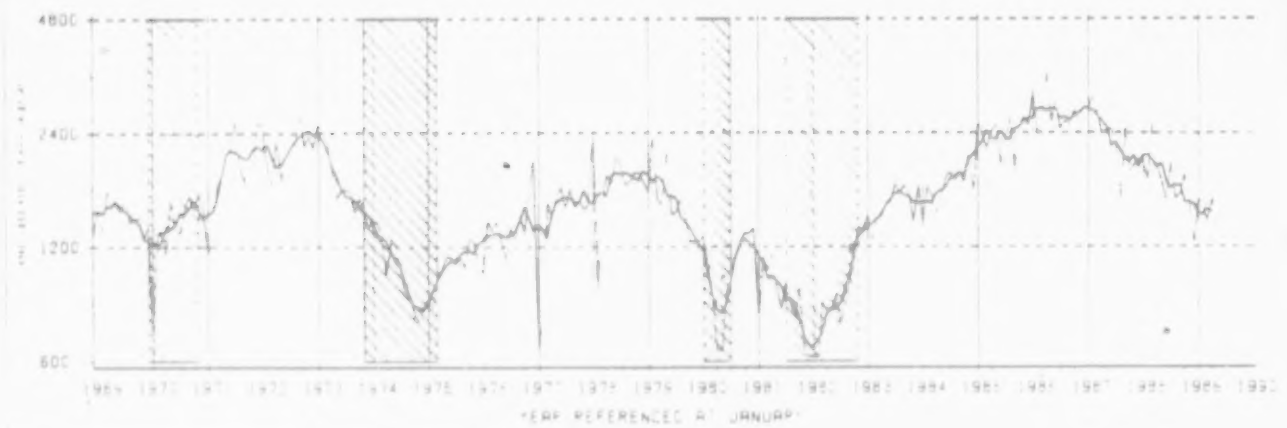
Date	1986	1987	1988	1989
	*DATA NOT SUITABLE FOR SEASONAL ADJUSTMENT			
	Unadj.	Unadj.	Unadj.	Unadj.
Jan	251	537	350	679
Feb	279	483	374	885
Mar	696	994	784	801
Apr	519	606	680	1,073
May	1,201	577	980	667
Jun	764	1,274	1,016	726
Jul	883	652	538	
Aug	861	818	735	
Sep	1,683	444	503	
Oct	662	843	643	
Nov	580	633	554	
Dec	1,078	531	478	

CHART IX PRIVATE RESIDENTIAL BUILDING PERMIT INDICATORS

25 TOTAL DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX-MONTH MOVING AVERAGE)



26 SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (FIVE-MONTH MOVING AVERAGE)



27 MULTI-FAMILY(5+) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (5-MONTH MOVING AVERAGE)

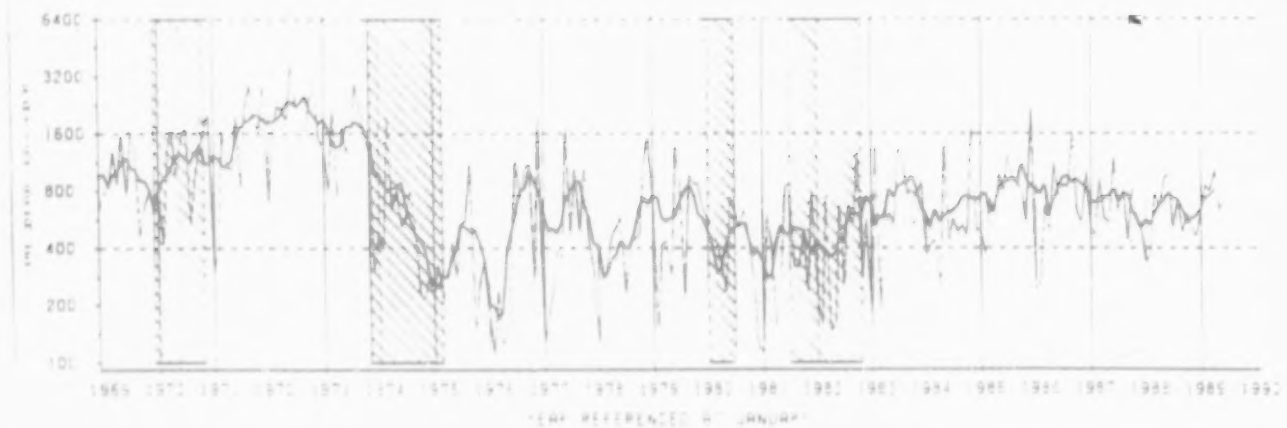


TABLE X
TRADE INDICATORS

28. Sales of Retail Stores ($000,000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	3,715	4,037	3,681	4,024	4,184	4,674	4,382	4,926
Feb	3,358	3,977	3,637	4,327	4,206	4,819	4,150	4,950
Mar	3,865	4,054	4,188	4,440	4,882	5,057	4,884	5,059
Apr	3,955	4,098	4,371	4,471	4,676	4,817	4,788	5,001
May	4,394	4,271	4,550	4,510	4,894	4,880	5,138R	5,040R
Jun	4,202	4,138	4,679	4,568	5,160	4,969	5,192	5,013
Jul	4,194	4,176	4,680	4,608	4,972	4,983		
Aug	4,223	4,246	4,694	4,667	5,026	4,951		
Sep	4,257	4,335	4,595	4,671	4,872	4,892		
Oct	4,296	4,248	4,690	4,642	4,955	4,986		
Nov	4,346	4,251	4,629	4,539	5,103	4,996		
Dec	5,450	4,336	5,842	4,656	6,231	4,940		

29. Sales of Retail Stores in 1982-84 Dollars ($000,000)

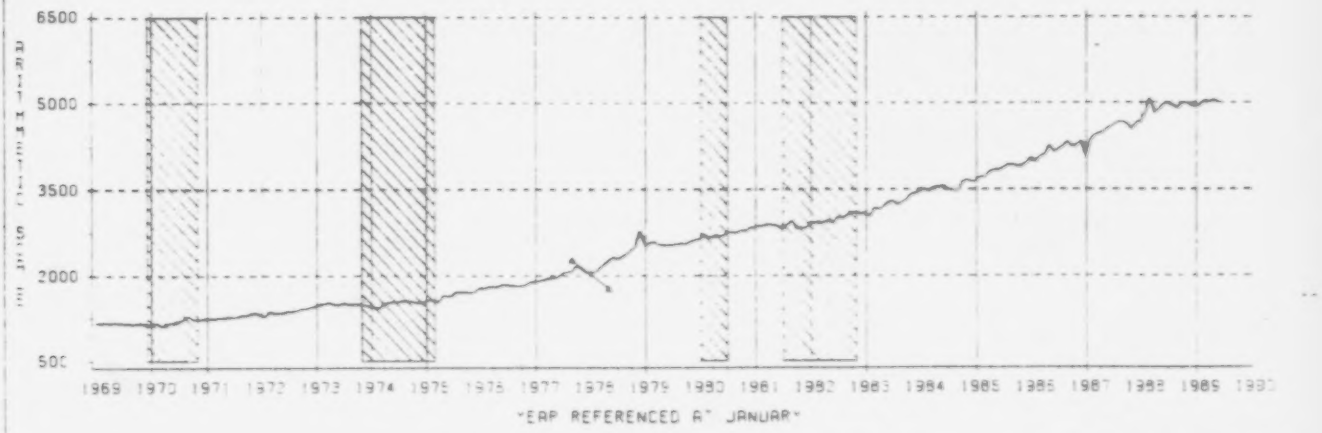
Date	1986	1987	1988	1989
	Adj.	Adj.	Adj.	Adj.
Jan	3,773	3,778	4,226	4,298
Feb	3,752	4,055	4,377	4,308
Mar	3,857	4,134	4,586	4,367
Apr	3,944	4,109	4,324	4,289
May	4,111	4,138	4,381	4,300R
Jun	3,979	4,199	4,469	4,285
Jul	4,004	4,243	4,461	
Aug	4,067	4,258	4,421	
Sep	4,125	4,227	4,295	
Oct	4,034	4,190	4,358	
Nov	4,049	4,123	4,394	
Dec	4,118	4,217	4,349	

30. New Passenger Car Registrations (Number)

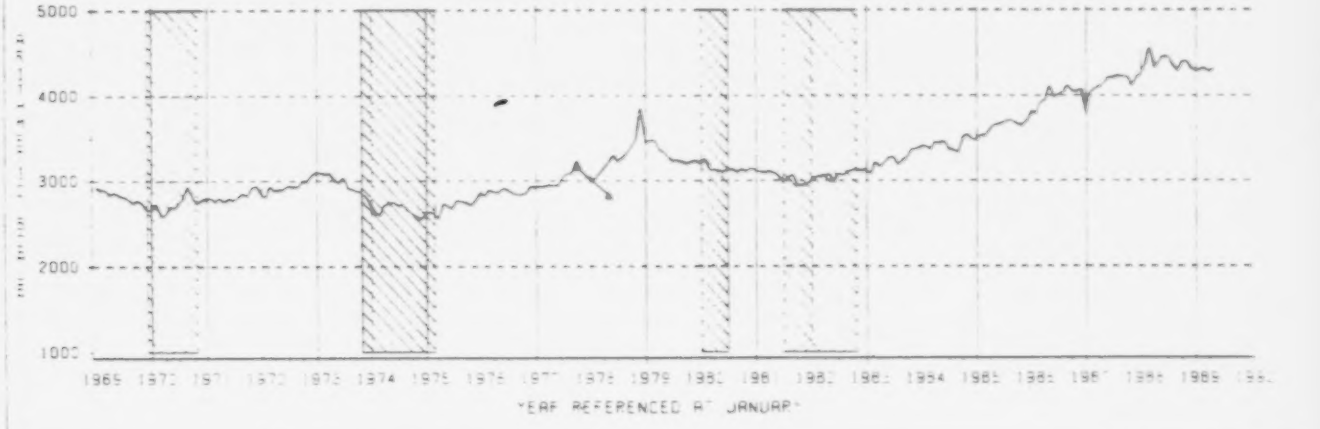
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	40,729	46,835	34,972	40,511	31,187	37,063	30,762	36,658
Feb	36,726	45,656	27,408	33,610	37,108	42,762	31,032	37,810
Mar	43,155	40,163	43,488	41,136	44,315	41,873	33,782	31,877
Apr	44,587	46,040	46,390	50,482	40,590	40,860	37,283	40,832
May	44,016	44,604	42,702	43,610	42,569	43,253	40,231	38,189
Jun	58,595	50,938	48,475	38,605	45,763	39,11[illegible]	41,326	34,852
Jul	47,860	44,394	47,436	44,131	39,607	37,535		
Aug	48,055	46,680	46,447	44,541	42,224	37,437		
Sep	60,111	51,176	49,342	42,140	39,463	34,859		
Oct	50,831	47,955	41,876	38,827	36,153	34,479		
Nov	33,529	41,235	30,691	38,492	31,957	37,696		
Dec	43,278	43,969	36,569	39,913	31,715	34,443		

CHART X TRADE INDICATORS

28 SALES OF RETAIL STORES ($000,000)



29 SALES OF RETAIL STORES IN 1982-84 DOLLARS ($000,000)



30 NEW PASSENGER CAR REGISTRATIONS (NUMBER) SIX-MONTH MOVING AVERAGE

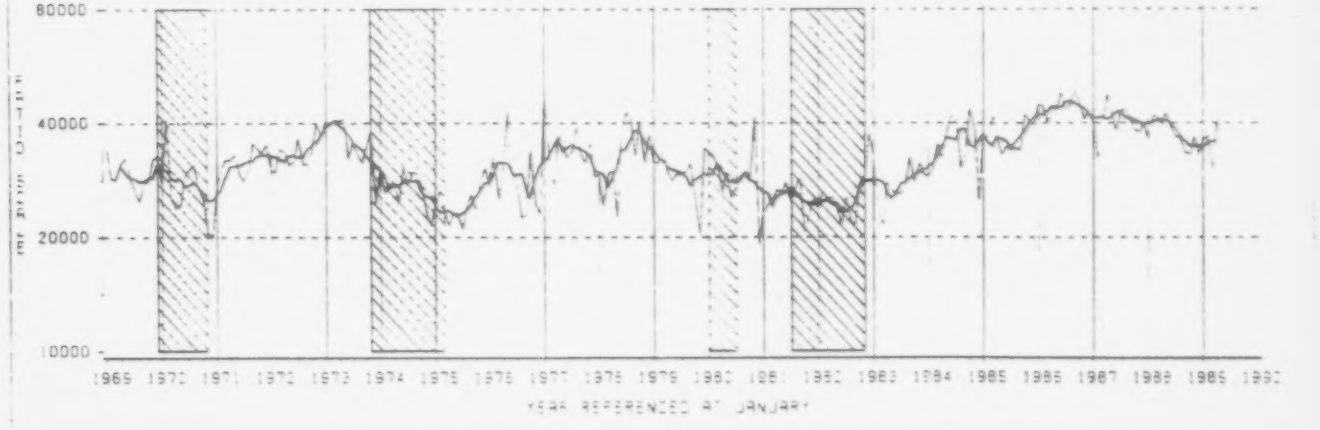


TABLE XI
UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

31. Weeks Claimed (Wkly Avg-WA) & Insured Unemployment Rate (IUR%)

Date	1986		1987		1988		1989	
	WA Adj.	IUR Adj.	WA Adj.	IUR Adj.	WA Adj.	IUR Adj.	WA Adj.	IUR Adj.
Jan	92.8	2.9	69.8	2.1	67.9	2.0	67.1	1.9
Feb	87.9	2.7	73.9	2.3	67.1	2.0	68.3	2.0
Mar	88.7	2.8	73.1	2.2	65.8	1.9R	76.3	2.2
Apr	87.0	2.7	73.7	2.2	69.1	2.0	79.1	2.3
May	86.5	2.7	73.9	2.2	70.9	2.1	81.7	2.3
Jun	86.8	2.7	72.6	2.2	72.6	2.1	82.9	2.4
Jul	86.2	2.7	70.9	2.1	73.2	2.1	86.1	2.5
Aug	85.4	2.6	71.6	2.2	72.9	2.1		
Sep	83.3	2.6	70.3	2.1	72.1	2.1		
Oct	80.2	2.5	68.4	2.0	72.3	2.1		
Nov	77.5	2.4	68.0	2.0	71.9	2.1		
Dec	76.1	2.3	68.2	2.0	70.4	2.0		

32. Initial Claims Weekly Average (Number)

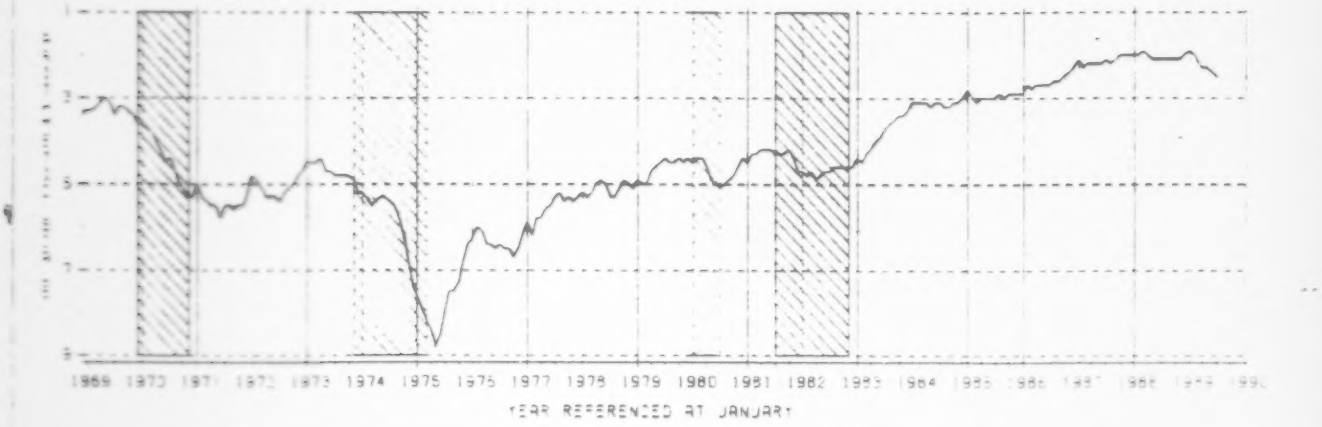
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	15,089	10,086	14,106	9,261	15,089	9,845	13,666	8,534
Feb	10,039	9,926	10,174	10,093	8,696	8,013	9,038	8,971
Mar	9,399	10,286	7,695	8,405	7,207	8,255	8,555	9,722
Apr	8,743	9,559	8,187	8,753	7,989	8,551	8,902	9,509
May	7,797	9,995	6,458	8,360	6,495	8,069	7,410	9,337
Jun	9,206	8,882	8,058	7,919	8,247	8,481	9,632	9,776
Jul	10,924	9,930	9,157	8,150	10,473	9,290	11,606	9,900
Aug	7,615	9,742	6,191	7,674	6,597	8,295		
Sep	7,213	9,307	5,808	7,968	6,089	8,159		
Oct	7,530	8,972	6,508	7,861	7,079	8,301		
Nov	7,732	8,578	7,721	8,234	7,346	8,394		
Dec	12,366	8,791	11,708	8,551	12,071	8,688		

33. Unemployment Insurance Exhaustions (Number)

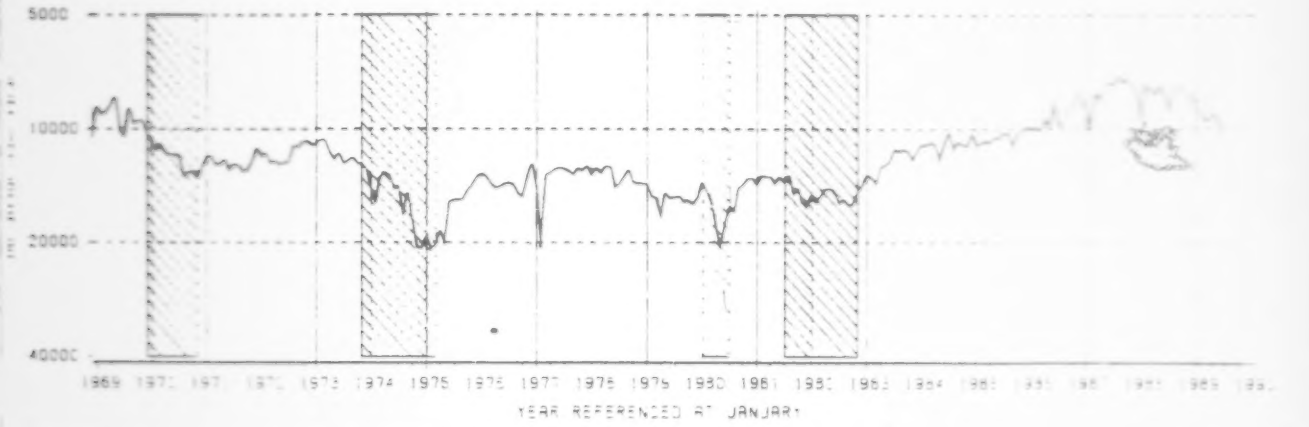
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	9,627	9,547	7,298	7,322	6,294	6,362	7,210	7,133
Feb	9,267	9,435	7,464	7,585	6,367	6,458	6,209	6,298
Mar	13,766	11,357	8,558	7,094	7,849	6,500	7,900	6,542
Apr	10,990	9,302	8,665	7,358	7,114	6,047	7,584	6,447
May	9,445	8,660	7,757	7,141	7,075	6,548	7,982	7,388
Jun	8,074	8,507	6,905	7,226	6,536	6,807	7,639	8,738
Jul	8,951	8,655	7,454	7,179	6,343	6,108	7,431	7,155
Aug	7,174	7,962	6,240	6,948	6,584	7,338		
Sep	7,284	8,326	6,324	7,179	5,548	6,264		
Oct	7,560	8,468	5,781	6,440	5,519	6,148		
Nov	6,324	7,679	5,317	6,515	6,338	7,816		
Dec	8,562	8,057	7,233	6,773	6,345	5,938		

CHART XI UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I

31 INSURED UNEMPLOYMENT RATE (%) – INVERTED SCALE



32 INITIAL CLAIMS – WEEKLY AVERAGE (NUMBER) – INVERTED SCALE



33 UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER) – INVERTED SCALE

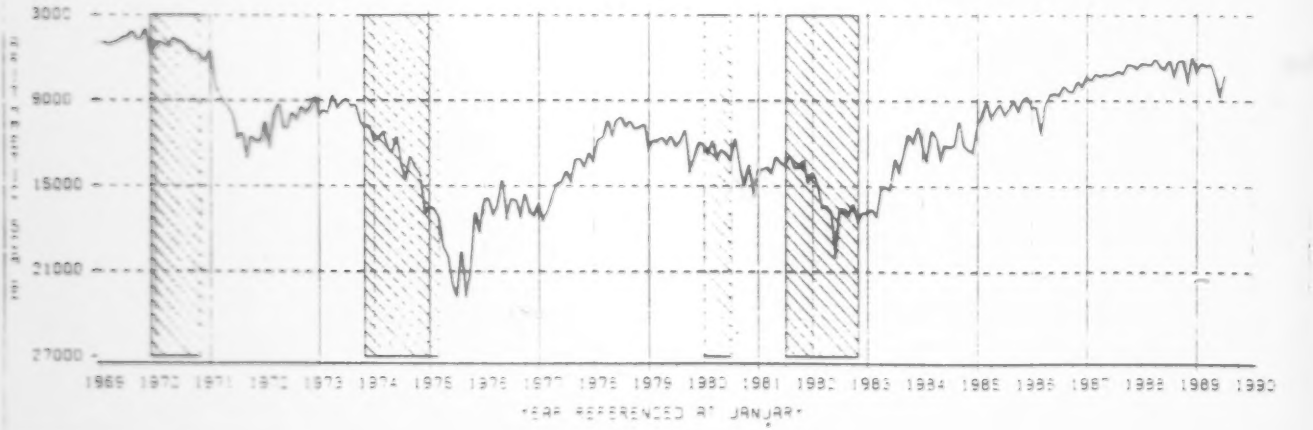


TABLE XII
UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

34. Insured Unemployment in Manufacturing (000)

Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	40.6	34.0	31.6	26.1	30.4	25.3	26.4	21.9
Feb	37.0	31.1	30.6	25.7	26.4	22.0	22.1	18.5
Mar	36.3	32.9	27.6	24.7	23.5	20.8	21.2	19.0
Apr	31.7	29.0	27.9	25.6	23.4	21.3	22.3	20.2
May	29.6	29.7	23.8	24.0	20.8	20.9	20.9	21.0
Jun	28.8	31.6	21.0	23.0	18.1	19.9	20.6	22.8
Jul	32.6	32.6	23.2	23.0	21.3	20.?	21.9	21.5
Aug	28.8	31.4	20.4	22.3	18.8	20.5		
Sep	24.9	29.7	18.4	22.2	16.0	19.5		
Oct	23.4	27.2	18.4	20.4	16.6	19.3		
Nov	23.9	27.5	19.7	22.1	16.6	18.4		
Dec	25.7	26.0	21.4	21.9	16.6	17.2		

35. Insured Unemployment in Construction (000)

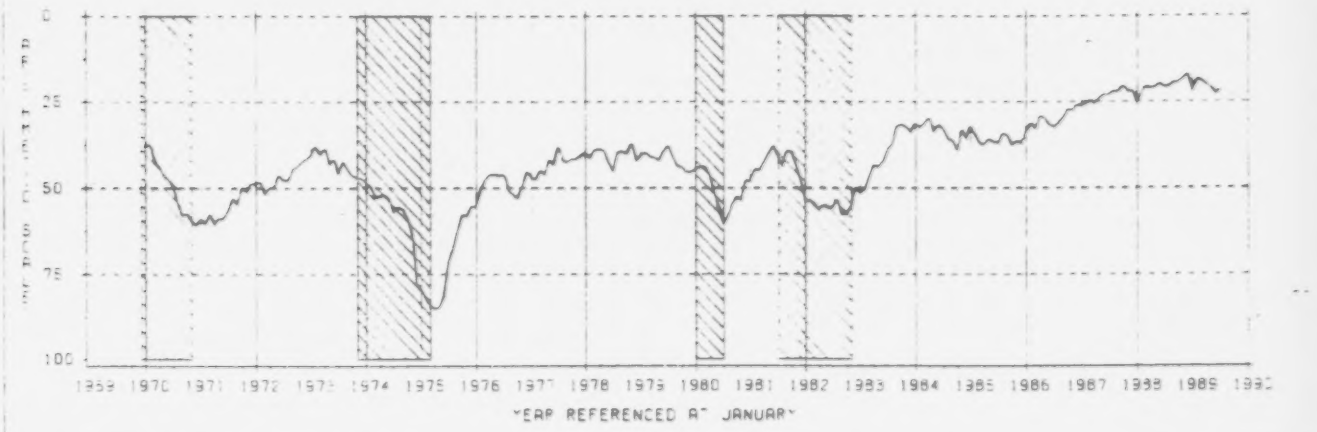
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
Jan	14.0	10.4	9.6	7.1	13.8	10.1	13.2	9.7
Feb	19.6	9.0	20.0	8.9	21.2	9.4	20.5	9.1
Mar	20.9	9.6	19.6	8.8	18.8	8.4	20.9	9.3
Apr	13.5	9.9	10.8	8.1	10.0	7.5	14.4	10.9
May	9.2	9.6	7.5	8.1	7.1	7.7	10.8	11.8
Jun	6.9	9.8	5.1	7.3	6.0	8.6	9.7	13.9
Jul	5.7	9.7	4.4	7.5	5.2	9.0	9.6	16.4
Aug	4.7	9.9	3.4	7.2	4.2	9.0		
Sep	4.8	10.3	3.0	6.6	3.4	7.5		
Oct	4.5	10.6	2.9	6.8	5.2	12.2		
Nov	4.4	8.7	3.6	7.2	5.5	11.0		
Dec	7.8	9.9	6.2	8.0	7.4	9.6		

36. Insured Unemployment in Private Service-Producing Industries (000)

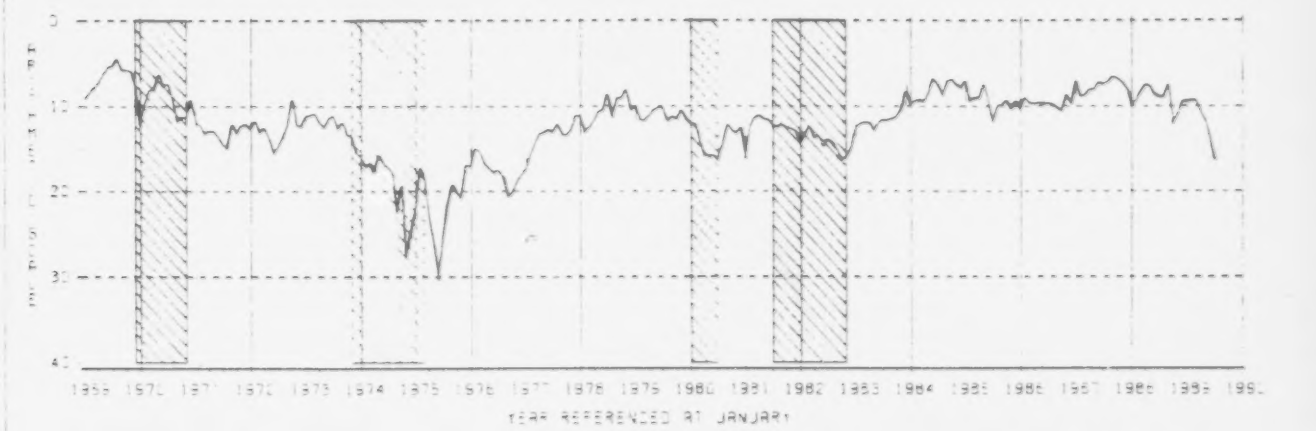
Date	1986		1987		1988		1989	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj
Jan	48.5	44.2	38.1	34.8	43.7	39.8	44.7	40.9
Feb	47.3	42.7	41.6	37.6	39.6	35.8	42.9	38.8
Mar	44.8	42.5	37.7	36.1	35.5	34.1	41.5	40.0
Apr	42.0	42.7	36.7	37.2	36.3	36.6	41.4	41.8
May	38.3	42.3	34.9	38.4	33.8	37.0	39.8	43.5
Jun	37.8	41.6	33.5	36.7	34.8	38.0	41.1	45.0
Jul	42.9	39.6	41.1	37.6	42.2	38.4	51.3	46.7
Aug	43.3	40.0	40.9	37.5	41.8	38.3		
Sep	38.4	40.1	34.9	36.4	33.4	35.1		
Oct	34.3	38.5	30.9	34.8	37.1	41.9		
Nov	36.5	39.2	32.1	34.6	36.2	39.0		
Dec	36.6	36.7	34.9	35.6	35.6	36.6		

CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS –II

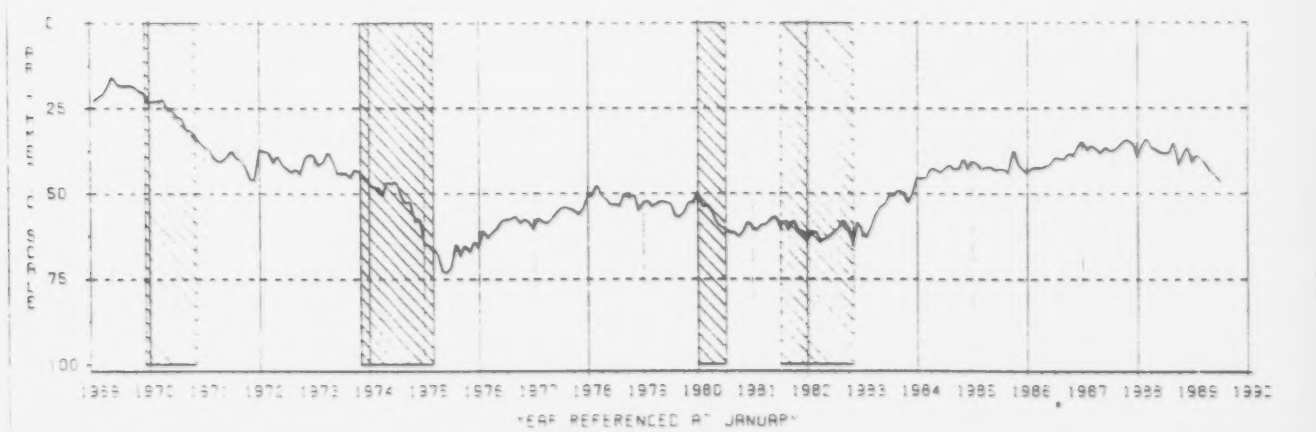
34 INSURED UNEMPLOYMENT IN MANUFACTURING (000) – INVERTED SCALE



35 INSURED UNEMPLOYMENT IN CONSTRUCTION (000) – INVERTED SCALE



36 INSURED UNEMPLOYMENT IN PRIVATE SERVICE-PRODUCING INDUSTRIES (000) – INVERTED SCALE



NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1988 JUL	AUG	SEP	OCT	NOV	DEC	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL
SEASONALLY ADJUSTED													
TOTAL NONFARM	3637.8	3641.9	3658.1	3666.6	3674.5	3681.1	3687.6	3692.2	3688.1	3683.0	3680.3	3677.9	3672.6
PRIVATE SECTOR	3088.0	3094.5	3102.7	3111.2	3118.6	3123.7	3129.4	3132.5	3131.3	3126.7	3122.9	3121.5	3118.1
GOODS PRODUCING	840.6	841.6	842.3	841.5	841.9	843.1	846.4	845.7	844.7	842.2	840.2	837.2	836.7
PRIVATE SERVICE PROD.	2247.4	2252.9	2260.4	2269.7	2276.7	2280.6	2283.0	2286.8	2286.6	2284.5	2282.7	2284.3	2281.4
PUBLIC SECTOR	549.8	547.4	555.4	554.4	555.9	557.4	558.2	559.7	556.8	556.3	557.4	556.4	554.5
NOT SEASONALLY ADJUSTED													
TOTAL NONFARM	3685.2	3685.6	3662.9	3686.9	3696.4	3700.0	3612.1	3602.4	3636.6	3669.1	3685.5	3728.7	3721.1
TOTAL GOODS PRODUCING	849.9	855.2	855.5	854.9	851.3	844.1	821.2	816.9	826.3	836.1	842.0	849.8	846.1
MINING	2.3	2.4	2.4	2.4	2.5	2.5	2.3	2.4	2.4	2.4	2.5	2.5	2.5
CONSTRUCTION	183.8	185.2	183.6	184.0	181.5	178.3	162.4	158.0	163.8	174.6	178.2	182.3	184.8
MANUFACTURING	663.8	667.6	669.5	668.5	667.3	663.3	656.5	656.5	660.1	659.1	661.3	665.0	658.8
DURABLE GOODS	305.9	304.5	306.0	306.1	306.1	304.8	303.0	302.0	303.2	302.4	301.8	302.5	300.4
LUMBER & WOOD PRODUCTS	6.7	6.5	6.5	6.5	6.5	6.5	6.4	6.2	6.4	6.5	6.5	6.4	6.4
FURNITURE & FIXTURES	10.3	10.2	10.3	10.2	10.0	9.9	9.9	9.6	9.9	9.8	9.7	9.7	9.8
STONE,CLAY,GLASS PRODUCTS	23.8	23.8	24.0	23.6	23.7	23.5	23.2	23.1	23.4	23.7	23.7	23.9	23.6
GLASS & GL./PRESSED,BLOWN	7.6	7.6	7.7	7.5	7.5	7.4	7.2	7.3	7.3	7.4	7.4	7.5	7.4
POTTERY & REL. PROD.	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3
PRIMARY METALS INDUSTRIES	18.5	18.4	18.8	19.0	19.0	19.0	19.1	19.1	19.0	18.8	18.6	18.6	18.4
BLAST FURN. & BASIC STEEL	3.1	3.1	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2
IRON & STEEL FOUNDRIES	3.4	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.1	3.1	3.1
PRIMARY & SEC. NONFER.	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
NONFER. ROLL. & DRAWING	7.6	7.7	7.8	7.9	7.9	7.9	8.0	8.0	7.9	7.9	7.9	7.9	7.8
FAB. METALS, INCL. ORD.	43.9	43.8	44.5	44.9	44.8	44.5	44.3	43.7	44.0	43.7	43.9	44.0	43.2
METAL CANS	3.7	3.8	3.9	4.0	3.9	3.7	3.6	3.6	3.7	3.6	3.7	3.7	3.7
CUTLERY, TOOLS & HARDWARE	5.3	5.1	5.1	5.1	5.2	5.2	5.2	5.1	5.0	4.9	5.0	4.9	4.6
FAB. STRUCT. METAL PROD.	11.4	11.4	11.7	11.9	11.9	11.9	11.7	11.3	11.6	11.5	11.6	11.8	11.6
METAL STAMPINGS	4.5	4.5	4.6	4.7	4.6	4.6	4.7	4.6	4.6	4.7	4.6	4.5	4.4
MACHINERY, EXCEPT ELEC.	53.3	52.6	52.7	52.8	53.0	53.1	53.1	52.8	53.1	52.7	52.9	53.0	52.7
CONSTRUCTION & REL.MACH.	3.8	3.8	3.8	3.9	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.8	3.7
METALWORKING MACHINERY	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.6
SPECIAL INDUSTRY MACH.	7.2	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.2
GENERAL INDUSTRY MACH.	9.5	9.4	9.2	9.0	9.0	9.0	9.1	9.1	9.0	8.9	9.0	9.1	9.0
REFRIGERATION MACH.	8.0	8.0	8.2	8.4	8.6	8.6	8.7	8.5	8.7	8.6	8.6	8.6	8.6
ELECTRICAL EQUIP. & SUPP.	81.4	80.9	80.9	80.7	80.9	80.4	79.7	79.7	79.7	79.0	78.2	78.8	78.2
ELEC. TEST & DIST. EQUIP.	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.0	3.0	2.9
ELECTRICAL IND. APPARATUS	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.8	2.8
ELEC. LIGHT. & WIRING	10.1	10.1	10.1	10.1	10.2	10.2	10.3	10.4	10.4	10.3	10.1	10.0	9.8
RADIO & TV REC. EQUIPMENT	2.8	2.9	2.9	2.9	3.1	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.7
COMMUNICATION EQUIPMENT	41.5	41.4	41.1	40.9	41.0	41.1	40.8	40.2	40.3	40.0	39.8	40.4	40.4
ELECTRON. COMP. & ACCESS.	14.7	14.4	14.6	14.7	14.8	14.6	14.4	14.6	14.6	14.7	14.7	14.7	14.5
TRANSPORTATION EQUIPMENT	14.7	14.5	14.7	14.7	14.7	14.8	14.7	14.7	14.5	14.7	14.9	14.8	14.7
MOTOR VEHICLES	8.7	8.6	8.8	8.7	8.7	8.9	8.8	8.8	8.5	8.8	8.8	8.7	8.6
AIRCRAFT & PARTS	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7
SHIP & BOAT BLDG. & REP.	2.7	2.6	2.6	2.7	2.7	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.6
INSTRUMENTS & REL. PROD.	32.4	32.6	32.6	32.6	32.7	32.5	32.5	32.6	32.5	32.5	32.5	32.5	32.4
ENGINEER. & SCIENT. INST.	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.6	5.6	5.6
MEASURING & CONTROL INST.	6.5	6.5	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4
MISCELL. MFG. INDUSTRIES	20.9	21.2	21.0	21.1	20.8	20.6	20.1	20.5	20.7	21.0	20.9	20.8	21.0
TOYS,JEWELRY & SPORT. GDS.	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.5	3.5	3.4	3.3	3.3
NONDURABLE GOODS	357.9	363.1	363.5	362.4	361.2	358.5	353.5	354.5	356.9	356.7	359.5	362.5	358.4
FOOD & KINDRED PRODUCTS	47.4	47.8	48.0	48.1	48.1	47.8	47.1	46.0	46.8	46.7	47.3	47.9	48.2
PRESERVED FRUITS & VEG.	11.3	11.5	11.5	11.5	11.3	11.0	10.6	10.2	10.6	10.9	11.1	11.2	11.5
GRAIN MILL & BAKERY PROD.	13.2	13.3	13.6	13.9	13.9	13.9	13.8	13.0	13.4	13.5	13.5	13.7	13.6
BEVERAGES	4.4	4.5	4.3	4.3	4.4	4.3	4.2	4.3	4.3	4.3	4.3	4.4	4.5
TOBACCO MANUFACTURES	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
TEXTILE MILL PRODUCTS	12.6	13.1	13.3	13.2	13.1	13.0	12.7	12.5	13.0	13.1	13.3	13.3	12.9
BROAD WOVEN FABRIC MILLS	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4
TEXTILE FIN., EXCEPT WOOL	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0

NOTE: NONFARM PAYROLL EMPLOYMENT INCLUDES CIVILIANS ON NONFARM ESTABLISHMENT PAYROLLS WHO WORKED OR RECEIVED PAY FOR ANY PART OF THE PAY PERIOD INCLUDING THE 12TH OF THE MONTH. IT EXCLUDES PROPRIETORS, SELF-EMPLOYED, UNPAID FAMILY WORKERS, AND DOMESTICS IN PRIVATE HOUSEHOLDS. DATA ARE ADJUSTED TO MARCH 1988 BENCHMARKS AND ARE NOT ADDITIVE.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1988 JUL	AUG	SEP	OCT	NOV	DEC	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL
APPAREL & OTHER TEXTILE PROD	38.5	40.8	41.3	41.0	40.3	37.8	34.8	35.9	36.7	37.1	38.7	39.4	37.9
MEN'S & BOYS' SUITS & COATS	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.0	1.1	.0.9	0.8
MEN'S & BOYS' FURNISHINGS	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.2	3.2	3.2	3.0	2.7
WOMEN'S & MISSES' OUTERWEAR	15.4	16.3	16.6	16.4	15.8	14.1	11.9	12.4	13.0	13.4	14.8	15.8	15.3
WOMEN'S & CHILD UNDERGARM.	2.9	3.0	2.9	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.7
PAPER & ALLIED PRODUCTS	27.3	27.5	27.7	27.7	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.3
PAPER/P'B'R'D MILLS	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
PAPERBOARD CONT. & BOXES	10.2	10.4	10.6	10.5	10.5	10.6	10.5	10.5	10.6	10.5	10.5	10.4	10.1
PRINTING AND PUBLISHING	68.2	68.2	68.0	68.6	68.7	68.6	68.5	68.7	68.7	68.3	68.3	68.8	68.2
NEWSPAPERS	19.2	19.1	19.2	19.3	19.5	19.5	19.5	19.5	19.4	19.3	19.3	19.5	19.3
COMMERCIAL PRINTING	21.1	21.1	20.9	21.1	21.1	21.0	20.9	21.0	21.1	21.0	21.0	21.1	20.9
CHEMICALS & ALLIED PRODUCTS	119.2	120.1	119.7	118.4	118.1	118.3	117.9	118.4	118.4	118.3	118.8	120.2	119.7
INDUSTRIAL INORGANIC CHEM.	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.4	7.5	7.5	7.5
PLASTIC MATERIALS/SYNTHETIC	7.0	7.1	7.0	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.9	7.0	7.0
DRUGS	45.5	45.5	45.4	44.9	45.4	45.6	45.8	45.8	46.0	46.0	45.9	46.4	46.5
SOAPS, CLEANERS & TOIL GOOD	25.1	26.3	26.2	25.4	24.6	24.5	24.2	24.4	24.5	24.4	24.8	25.1	24.7
PAINTS & ALLIED PROD.	4.6	4.6	4.5	4.5	4.5	4.5	4.4	4.4	4.5	4.4	4.4	4.5	4.5
INDUSTRIAL ORGANIC CHEMICAL	19.7	19.6	19.6	19.5	19.5	19.5	19.4	19.5	19.4	19.4	19.4	19.7	19.7
PETROLEUM & COAL PRODUCTS	8.3	8.4	8.3	8.3	8.3	8.3	8.2	8.2	8.2	8.3	8.3	8.4	8.4
PETROLEUM REFINING	6.5	6.5	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.5
RUBBER & MISC. PLASTIC PROD.	33.6	34.3	34.3	34.2	34.0	34.2	33.8	34.2	34.4	34.2	34.1	33.7	33.0
RUBBER & RUBBER PROD.	6.0	6.0	5.9	5.9	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.0	5.9
MISCELLANEOUS PLASTIC PROD.	27.6	28.3	28.4	28.3	28.0	28.2	27.8	28.1	28.3	28.1	28.0	27.7	27.1
LEATHER & LEATHER PRODUCTS	2.5	2.6	2.6	2.6	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.6
HANDBAGS, PERS. LEATHER GDS	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7
TOTAL SERVICE PRODUCING	2835.3	2830.4	2807.4	2832.0	2845.1	2855.9	2790.9	2785.5	2810.3	2833.0	2843.5	2878.9	2875.0
PRIVATE-SERVICE PRODUCING	2290.0	2290.3	2268.4	2277.5	2284.4	2294.6	2236.5	2224.1	2247.7	2270.3	2282.9	2316.3	2324.9
TRANSPORTATION, COMMUN.,													
ELECTRIC, GAS & SAN. SERV.	243.5	244.7	245.7	247.2	246.5	244.8	241.7	241.0	241.1	243.1	243.2	244.4	242.7
RAILROAD TRANSPORTATION	5.7	5.7	5.7	5.7	5.7	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.8
OTHER TRANSPORTATION	142.8	143.6	144.5	147.6	147.5	146.8	142.8	142.4	143.1	145.0	145.0	145.6	143.4
COMMUNICATIONS	66.4	67.1	65.2	65.7	65.2	64.3	65.0	64.7	64.1	64.2	64.0	64.4	65.0
ELEC, GAS & SANITARY SERV	28.6	28.3	28.3	28.2	28.1	28.0	28.0	28.0	28.0	28.0	28.3	28.5	28.5
WHOLESALE/RETAIL TRADE	883.9	883.9	875.5	881.5	889.9	904.9	863.7	848.5	859.6	866.6	872.8	887.4	889.8
WHOLESALE TRADE	273.4	274.4	273.7	274.5	275.2	276.4	274.4	274.5	276.4	275.8	275.6	277.8	278.5
RETAIL TRADE	610.5	609.5	601.8	607.0	614.7	628.5	589.3	574.0	583.2	590.8	597.2	609.6	611.3
BLDG/MAT/HRDWR/GARDEN SU	23.2	23.3	22.8	22.9	22.9	23.0	22.1	21.7	22.4	23.5	23.7	24.0	24.1
GENERAL MERCHANDISE STOR	76.8	76.8	76.2	79.5	85.4	89.8	77.4	71.1	73.0	72.2	71.6	72.0	71.7
FOOD STORES	112.0	111.3	109.0	109.7	110.3	111.7	107.1	106.4	105.4	108.8	109.5	111.0	112.8
AUTO DEALERS & SERV. STA	61.8	61.7	61.3	61.2	60.8	60.5	60.0	60.1	60.4	60.6	60.7	60.8	61.1
APPAREL & ACCESSORIES	55.3	55.4	55.3	56.1	56.8	58.9	54.0	49.9	53.5	53.8	54.5	55.4	54.7
EATING & DRINK. PLACES	164.8	164.5	160.4	157.3	154.9	155.4	148.4	149.1	151.3	155.1	160.0	167.9	168.2
FINANCE/INSUR./REAL EST.	241.5	240.9	237.1	236.9	237.3	238.3	238.4	238.0	238.9	239.7	240.8	244.8	246.9
BANKING	56.6	56.7	55.8	55.5	56.0	56.5	57.0	56.8	56.9	57.1	57.1	58.3	58.5
INS. AGENTS & CARRIERS	87.9	87.5	86.9	87.3	87.4	87.8	87.8	87.9	88.2	88.2	88.1	88.6	89.0
SERVICES	921.1	920.8	910.1	911.9	910.7	906.6	892.7	896.6	908.1	920.9	926.1	939.7	945.5
LEGAL SERVICES	33.0	32.9	32.8	33.4	33.5	33.6	33.5	33.2	33.7	33.8	33.9	35.0	35.1
EDUCATIONAL SERVICES	43.2	42.7	46.6	50.5	51.7	51.3	49.6	52.0	52.2	52.3	51.7	47.9	42.9
SOCIAL SERVICES	43.2	42.1	43.7	43.7	44.2	44.3	44.2	44.5	44.6	44.7	44.8	44.6	42.6
MISC. SERVICES	46.9	47.1	46.9	46.7	47.1	46.9	46.5	46.3	46.7	46.6	46.1	46.5	46.7
HOTELS,CAMPS,LODG. PLACE	73.1	73.2	71.3	69.9	68.5	67.0	65.6	66.1	67.1	67.8	69.6	72.5	75.4
CASINOS	42.5	42.7	43.1	43.5	43.1	42.0	41.9	41.9	42.3	42.2	42.5	42.4	43.1
PERSONAL SERVICES	37.2	37.1	37.8	37.8	37.8	38.2	38.7	39.0	39.2	40.0	38.1	38.2	38.3
BUSINESS SERVICES	268.2	269.7	266.8	269.0	269.3	270.1	264.6	264.6	267.5	269.0	268.8	272.0	273.8
MEDICAL & OTH HEALTH SER	231.2	232.2	232.4	233.4	233.6	233.3	234.1	234.5	236.1	236.6	236.9	239.6	240.2
HOSPITALS	118.3	118.7	118.8	118.9	119.1	118.6	119.3	119.8	120.5	120.5	120.2	122.0	122.5
PUBLIC SECTOR	545.3	540.1	539.0	554.5	560.7	561.3	554.4	561.4	562.6	562.7	560.6	562.6	550.1
FEDERAL	78.2	78.2	78.2	78.5	78.5	78.9	79.0	79.0	78.8	78.9	79.3	79.7	79.9
LOCAL	346.6	341.7	340.4	351.8	357.1	357.2	354.8	358.4	359.5	358.8	359.0	362.1	350.1
LOCAL EDUCATION	197.8	169.1	163.0	181.1	193.9	198.8	198.5	196.8	199.6	200.2	200.0	198.5	169.7
STATE*	120.5	120.2	120.4	124.2	125.1	125.2	120.6	124.0	124.3	125.0	122.3	120.8	120.1
EXEC/LEG/JUD.(FULL)**	75.1	75.5	78.2	78.7	78.9	79.7	79.0	78.7	78.9	79.0	78.4	78.3	72.9

* THE TOTAL NUMBER OF STATE EMPLOYEES REPORTED UNDER THIS HEADING IS DETERMINED ON THE BASIS OF A DEFINITION DEVELOPED BY THE U.S. BUREAU OF LABOR STATISTICS WHICH IS STANDARDIZED THROUGHOUT THE NATION. THE DEFINITION INCLUDES BOTH FULL- AND PART-TIME WORKERS IN THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY, AS WELL AS ALL EMPLOYEES OF AUTHORITIES, COMMISSIONS, THE STATE UNIVERSITY AND OTHER AGENCIES NOT INCLUDED ON THE CENTRAL STATE PAYROLL

** THIS SUB-CATEGORY OF STATE GOVERNMENT EMPLOYMENT IS LIMITED TO FULL-TIME EMPLOYEES OF THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY. THE FIGURES ARE BASED ON THE CENTRAL STATE PAYROLL AND ARE PROVIDED BY THE DEPARTMENT OF TREASURY.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1965-1988
(thousands)

Year	Total Nonfarm Payrolls	Goods Prod.	Mfg.	Mining	Contract Constr.	Private Service Prod.	Transp. Comm. & Pub. Util.	Trade	Finance Ins. & Real Est.	Services	Public Sector
1965	2,257.8	951.6	837.5	3.5	110.6	1,011.0	157.0	438.5	99.9	315.6	295.4
1966	2,359.1	993.5	879.3	3.0	111.2	1,053.6	162.2	459.6	101.0	330.8	312.0
1967	2,421.5	997.7	882.8	2.8	112.2	1,094.6	166.3	472.0	104.7	351.6	329.2
1968	2,485.2	1,004.1	885.3	3.1	115.6	1,136.8	166.3	489.5	108.4	372.6	344.4
1969	2,569.6	1,013.9	892.5	3.3	118.1	1,195.6	176.2	514.9	111.3	393.2	360.1
1970	2,606.2	984.3	860.7	3.2	120.4	1,247.1	182.2	538.0	116.5	410.4	374.8
1971	2,607.6	938.9	818.3	3.0	117.6	1,280.8	181.1	558.3	120.4	421.0	388.0
1972	2,674.4	948.1	823.3	3.2	121.6	1,321.0	181.2	577.3	124.6	437.9	405.3
1973	2,760.8	972.7	842.6	3.3	126.8	1,371.1	186.4	596.9	131.0	456.8	417.1
1974	2,783.4	947.8	825.9	3.2	118.7	1,395.7	185.8	603.5	136.5	469.9	439.9
1975	2,699.9	849.9	747.9	2.8	99.2	1,379.9	174.3	599.3	135.2	471.1	470.2
1976	2,753.7	852.8	756.2	2.7	93.9	1,420.5	176.0	618.5	138.0	488.0	480.5
1977	2,836.9	865.1	767.3	2.9	94.9	1,468.2	178.2	637.3	142.9	509.8	504.0
1978	2,961.9	894.7	786.8	2.6	105.3	1,544.3	188.5	665.9	147.7	542.2	523.0
1979	3,027.2	915.5	799.1	2.6	113.7	1,593.9	190.4	678.6	153.9	571.0	517.8
1980	3,060.4	894.7	781.0	2.4	111.2	1,636.0	194.5	680.3	158.1	603.1	529.7
1981	3,098.9	882.1	771.1	2.3	108.7	1,687.8	196.5	690.6	161.8	638.9	529.0
1982	3,092.7	839.1	729.6	2.1	107.3	1,729.0	197.1	701.2	167.1	663.6	524.7
1983	3,165.1	829.2	715.1	2.0	112.1	1,814.7	203.0	735.3	172.7	703.7	521.2
1984	3,329.3	860.2	726.8	2.2	131.3	1,947.0	219.4	787.3	183.0	757.3	522.1
1985	3,414.1	856.0	712.9	2.1	141.0	2,027.0	226.1	813.3	194.9	792.7	531.1
1986	3,489.9	845.9	690.5	2.1	153.4	2,108.3	231.2	834.2	210.8	832.1	535.6
1987	3,581.6	842.1	675.4	2.3	164.4	2,197.7	237.6	862.0	226.8	871.4	541.8
1988	3,648.3	841.7	666.1	2.3	173.3	2,255.1	243.3	874.1	235.6	902.0	551.5

Year	Durable Goods	Lumber & Wood*	Furniture & Fix.	Stone, Clay & Glass	Primary Metals	Fab. Metals	Nonelec. Mach.	Elec. Mach.	Transp. Equip.	Instr.*	Misc. Mfg.
1965	438.7	5.6	9.4	36.9	39.8	60.8	65.4	118.4	36.8	32.7	32.9
1966	463.4	5.2	10.5	39.3	40.4	64.7	70.8	129.9	36.4	34.3	31.9
1967	464.6	5.0	11.0	39.1	38.6	66.2	75.0	131.1	32.0	36.5	30.0
1968	460.9	5.3	10.2	38.8	38.5	67.5	75.8	127.6	31.7	35.8	29.7
1969	463.3	5.2	11.0	40.9	39.4	69.8	76.2	124.5	31.4	34.7	30.2
1970	434.3	4.9	10.5	39.6	37.2	67.0	72.8	115.2	26.3	33.2	27.5
1971	404.6	4.5	10.6	39.0	33.3	62.9	66.3	104.6	25.2	32.4	25.6
1972	405.9	5.1	10.8	39.9	31.8	63.5	65.8	102.9	25.7	35.1	25.2
1973	420.5	5.3	10.6	40.8	32.0	66.2	72.1	108.1	25.3	34.4	25.9
1974	413.2	5.0	10.3	40.5	31.2	64.4	76.1	105.1	21.1	33.9	25.6
1975	363.0	4.6	8.9	36.0	26.1	58.1	68.4	88.1	19.3	31.2	22.4
1976	363.0	5.3	8.7	36.1	23.9	59.4	67.5	86.8	19.8	31.3	24.0
1977	370.0	5.8	8.9	35.1	23.0	61.1	71.0	87.9	20.7	32.0	24.5
1978	382.8	6.0	10.0	35.2	24.5	64.1	74.2	89.8	20.9	32.3	25.7
1979	395.9	6.7	10.3	35.3	25.5	64.5	76.4	92.9	21.6	35.6	27.1
1980	384.3	5.9	9.7	33.1	25.7	60.8	75.1	92.2	18.5	37.2	26.1
1981	374.7	6.1	9.6	30.9	25.4	58.8	72.5	91.6	17.5	37.1	25.3
1982	350.1	5.5	9.9	27.1	21.8	54.3	66.5	90.9	14.7	35.7	23.6
1983	341.6	5.9	10.5	26.8	20.7	50.9	60.9	93.1	15.1	34.2	23.5
1984	346.2	6.4	12.6	26.2	21.6	51.1	59.9	95.0	16.1	33.5	23.9
1985	337.4	6.7	12.9	25.2	20.9	50.2	59.1	93.5	14.6	33.5	20.7
1986	322.6	6.9	12.6	24.4	20.0	48.4	55.8	89.4	12.3	32.8	20.1
1987	312.1	7.1	11.3	24.1	18.7	45.1	53.8	84.9	14.8	32.0	20.4
1988	306.4	6.7	10.3	23.7	18.6	44.5	53.2	81.6	14.5	32.5	20.9

Year	Nondur. Goods	Food	Tobacco	Textiles	Apparel	Paper	Print. Pub.	Chem.	Petroleum	Rubber & Plastics*	Leather
1965	398.8	66.4	1.4	28.5	77.3	31.3	37.5	98.9	9.8	36.0	11.5
1966	415.9	67.2	0.8	29.6	80.3	33.0	39.6	105.5	10.5	37.2	12.2
1967	418.1	65.3	0.6	29.1	78.5	33.7	41.5	110.9	9.6	37.7	11.3
1968	424.5	64.5	0.3	30.5	78.7	34.3	42.2	113.1	9.7	39.9	11.5
1969	429.2	63.2	0.3	30.8	77.2	35.0	43.3	117.4	10.0	41.4	10.6
1970	426.4	63.5	0.3	29.6	72.3	35.3	44.8	120.9	10.1	40.0	9.6
1971	413.7	61.8	0.3	29.4	69.8	35.9	43.8	117.5	10.1	36.8	9.5
1972	417.4	59.8	0.3	30.5	68.9	35.9	46.0	119.3	10.6	37.2	8.9
1973	422.1	58.7	0.2	31.3	68.7	36.8	46.9	124.1	10.9	35.5	9.0
1974	412.7	56.7	0.2	28.8	63.1	35.4	47.8	126.6	11.8	34.0	8.4
1975	284.9	53.6	0.2	24.5	57.9	32.1	46.4	121.0	12.1	29.3	7.9
1976	393.2	52.7	0.2	23.9	61.1	33.2	47.4	122.4	11.9	32.0	8.3
1977	397.3	50.2	0.3	22.8	59.7	33.4	49.7	127.2	11.9	34.2	7.9
1978	404.0	49.9	0.5	22.4	59.3	33.7	51.7	130.0	11.9	37.3	7.3
1979	403.3	49.5	0.4	21.5	56.5	33.9	54.3	129.6	11.9	38.8	6.9
1980	396.8	49.3	0.4	20.2	55.7	32.3	55.4	128.2	12.0	37.4	5.9
1981	396.4	48.1	0.3	19.0	56.1	31.3	57.7	128.9	11.8	37.3	5.9
1982	379.6	47.2	0.3	16.6	50.4	30.6	57.7	124.5	11.2	36.1	5.1
1983	373.5	47.7	0.3	15.4	50.6	31.2	58.0	119.1	10.3	36.2	4.7
1984	380.5	47.7	0.4	15.1	50.2	31.9	62.7	119.9	10.0	38.4	4.3
1985	375.5	47.9	0.3	14.1	46.8	30.1	65.6	120.2	9.3	37.1	4.0
1986	367.9	48.4	0.2	13.4	45.4	28.8	66.4	117.4	8.6	35.9	3.4
1987	363.3	48.9	0.3	13.2	42.7	28.3	67.3	116.0	8.3	35.3	3.0
1988	359.7	47.7	0.3	13.0	39.2	27.8	68.0	118.4	8.2	34.5	2.7

* Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1988 JUL	AUG	SEP	OCT	NOV	DEC	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL
TOTAL MANUFACTURING	438.46	437.94	448.26	453.74	455.54	461.90	460.08	459.38	460.62	459.72	462.07	464.84	460.49
DURABLE GOODS	442.80	437.93	451.67	454.16	455.10	461.62	458.99	457.88	458.43	459.79	462.15	464.21	460.22
LUMBER & WOOD PRODUCTS	342.81	342.03	341.78	363.24	364.70	358.80	346.25	353.05	355.65	351.92	360.05	374.62	357.75
FURNITURE & FIXTURES	364.05	370.52	401.94	388.95	366.49	358.49	347.80	356.64	364.94	364.88	359.41	375.12	358.16
STONE,CLAY,GLASS PRODUCTS	470.25	459.95	464.70	461.47	471.22	477.99	471.37	480.11	481.24	481.62	481.08	480.59	496.83
GLASS & GLWR./PRESS,BLOWN	478.84	465.23	478.03	467.04	469.84	477.41	481.66	487.48	487.48	485.18	490.49	483.49	491.92
POTTERY & REL. PRODUCTS	458.23	417.88	421.69	428.67	437.70	460.49	455.06	454.52	453.42	451.61	458.14	450.08	470.81
PRIMARY METAL INDUSTRIES	447.89	440.05	464.28	459.46	462.27	461.21	467.02	461.89	464.81	463.32	459.72	455.76	450.71
BLAST FURN. & BASIC STEEL	482.80	499.94	517.44	503.96	495.23	524.50	516.73	504.06	506.00	498.77	499.40	490.92	501.12
IRON & STEEL FOUNDRIES*	491.86	438.88	486.23	500.35	494.34	486.52	480.60	482.68	482.68	487.35	482.23	512.46	497.00
PRIMARY & NONFER. METALS*	389.82	415.49	421.50	444.14	476.24	493.16	495.40	501.82	517.79	490.45	495.56	490.85	483.91
NONFER. ROLL. & DRAWING	434.14	434.23	449.45	439.66	447.10	431.76	448.79	440.92	443.61	442.62	441.09	426.51	416.08
FAB. METALS, INCL. ORD.	439.15	432.55	456.62	453.74	460.10	460.24	455.26	452.06	451.07	458.49	465.15	462.48	460.00
METAL CANS	480.49	457.03	483.76	473.62	497.31	491.89	491.72	486.18	478.27	472.01	486.00	460.08	458.60
CUTLERY, TOOLS & HRDWR.	553.02	532.13	613.84	615.09	625.79	578.57	594.08	573.46	576.11	578.68	594.08	579.35	555.66
FAB. STRUCT. METAL PROD.*	441.19	440.30	447.58	451.14	443.90	454.99	445.21	453.69	459.42	460.23	468.63	462.58	481.90
METAL STAMPINGS	429.18	444.71	439.31	424.66	431.34	429.85	424.54	429.85	414.91	436.87	429.00	435.24	429.34
MACHINERY, EXCEPT ELEC.	453.74	451.13	474.75	476.27	478.24	491.99	492.59	491.62	491.63	490.33	491.18	492.80	481.97
CONSTR. & REL. MACH.*	514.01	466.07	495.23	473.05	482.22	505.32	510.86	529.82	527.46	502.67	503.73	496.50	505.83
METALWORKING MACHINERY	512.40	521.51	541.24	551.49	550.08	578.75	564.88	559.46	565.63	565.31	558.97	569.77	545.08
SPECIAL INDUSTRY MACH.	565.02	556.40	605.44	616.77	650.05	682.96	695.69	700.12	697.22	665.86	656.93	679.43	677.50
GENERAL INDUSTRY MACH.	455.22	466.49	487.34	499.96	491.42	505.56	505.25	500.52	475.18	483.63	483.39	487.89	491.47
REFRIG/SVC IND MACH.	407.93	393.46	432.28	425.32	422.34	425.72	413.44	414.62	418.94	425.06	433.08	418.50	378.18
ELECTRICAL EQUIP. & SUP.	448.94	447.60	445.83	440.82	447.23	458.68	457.07	451.27	450.87	456.00	464.54	472.06	466.72
ELEC. TEST & DIST. SUP.*	342.68	340.26	352.32	339.96	336.38	329.12	335.78	333.64	335.01	325.23	334.91	329.82	295.61
ELEC. LIGHTING & WIRING*	319.81	329.55	339.65	342.45	353.42	347.58	355.24	338.55	345.95	352.00	356.40	356.98	342.03
RADIO & TV REC. EQUIP.	370.91	370.05	379.44	409.60	387.69	398.89	393.71	390.18	390.86	387.03	403.92	423.32	423.72
COMMUNICATION EQUIPMENT	593.26	584.98	564.93	546.64	560.78	575.75	564.63	572.42	575.16	586.53	595.76	608.52	600.88
ELEC. COMP. & ACCESS.	316.41	315.95	326.42	325.20	322.69	333.56	343.92	331.53	328.99	331.01	339.33	340.94	344.32
TRANSPORTATION EQUIPMENT	599.24	576.77	600.38	667.58	611.94	609.04	607.46	606.05	611.03	591.56	585.73	583.51	564.57
MOTOR VEHICLES & EQUIP.	671.89	643.01	664.78	765.38	667.10	662.42	659.87	663.14	669.82	643.22	632.31	635.46	597.25
INSTRUMENTS & REL. PROD.	418.18	420.86	428.67	432.64	445.12	453.84	453.95	449.11	447.37	447.02	451.67	441.32	441.78
MISC. MFG. INDUSTRIES	344.08	342.08	342.21	352.96	358.16	357.82	354.71	359.37	357.46	363.12	362.56	360.34	373.35
NONDURABLE GOODS	433.62	436.80	445.91	453.29	456.62	463.27	460.73	461.14	462.38	460.72	463.08	465.03	460.69
FOOD & KINDRED PRODUCTS	491.82	496.22	486.04	471.74	475.23	485.51	477.73	482.98	484.27	476.99	480.17	493.35	480.28
PRESERV. FRUITS VEG*	414.53	421.39	462.58	504.81	493.51	511.78	511.79	497.55	509.18	502.21	496.95	476.84	461.18
GRAIN MILL & BAK. PROD	431.91	431.48	436.40	430.50	432.00	447.69	436.56	449.35	443.04	418.40	427.92	469.26	446.45
BEVERAGES*	539.60	504.74	482.25	477.54	511.92	530.92	535.18	524.17	529.47	502.38	504.74	554.38	576.76
TEXTILE MILL PRODUCTS	387.01	391.89	404.84	408.16	403.18	408.92	402.69	400.46	398.66	401.72	410.32	413.85	368.92
APPAREL & OTHER TEXT. PROD.	258.84	263.17	274.88	279.72	271.86	274.46	273.77	275.66	269.67	274.85	276.28	282.79	273.24
MEN'S & BOYS' SUITS AND OTR	234.70	219.45	236.12	230.04	226.40	249.98	243.09	234.72	242.42	235.30	243.54	236.66	234.67
MEN'S & BOYS' FURN	242.55	247.11	260.22	266.84	256.56	264.48	255.94	267.46	270.02	283.71	275.02	294.12	296.66
WOMEN'S & CHILD UNDERGAR	270.69	278.17	287.92	321.86	313.05	295.20	293.46	286.40	299.47	295.21	300.30	287.39	272.66
PAPER & ALLIED PRODUCTS	436.13	447.94	449.21	456.04	453.05	458.15	455.18	454.26	453.84	466.65	460.32	475.25	464.82
PAPERBOARD CONT. & BOXES	418.80	431.97	440.99	438.27	434.10	458.74	454.11	448.51	457.80	462.16	457.13	483.09	455.67
PRINTING AND PUBLISHING	458.97	462.96	475.86	488.10	473.55	485.62	477.63	474.39	490.99	480.96	481.73	483.75	486.40
NEWSPAPERS	432.29	433.29	443.54	440.88	440.53	440.83	428.30	435.89	441.53	432.29	435.23	449.54	449.69
COMMERCIAL PRINTING*	496.70	500.68	530.75	551.30	529.87	551.04	536.81	535.82	552.37	532.40	530.27	525.20	535.27
CHEMICALS & ALLIED PROD.	514.01	519.21	523.67	531.29	552.90	552.52	546.88	550.71	552.44	547.87	552.30	547.39	542.43
INDUSTRIAL INORG CHEM.*	552.50	561.13	568.10	563.73	611.34	570.10	555.44	576.39	591.85	592.41	604.06	610.28	578.14
PLASTIC MAT. & SYN.	561.02	580.18	584.80	602.07	641.24	604.04	620.57	624.55	625.86	621.53	642.88	617.92	601.34
DRUGS	474.01	558.66	564.34	567.59	590.24	602.97	592.91	594.03	593.61	597.82	601.09	588.39	587.81
SOAPS, CLNRS & TOILET GDS.*	339.84	346.66	342.12	357.93	382.39	395.21	379.08	381.03	391.04	379.10	381.54	376.69	369.90
PAINTS & ALLIED PRODUCTS*	595.74	562.79	612.91	605.58	598.91	597.08	580.07	583.68	589.11	589.68	572.76	579.01	566.24
INDUST ORGAN. CHEMICALS	753.12	677.11	687.52	694.65	697.30	657.56	672.45	675.07	666.72	642.54	660.98	670.53	663.69
PETROLEUM & COAL PROD.	775.99	770.85	747.68	785.07	780.02	818.90	808.63	824.43	813.50	819.48	813.11	811.05	825.49
PETROLEUM REFINING	838.80	845.28	797.86	840.20	836.13	878.81	862.08	880.31	872.24	882.45	870.88	866.86	890.13
RUBBER & PLAS. PROD., NEC	365.51	364.49	374.69	373.69	377.04	376.37	376.24	376.74	374.01	374.83	386.56	381.39	390.73
RUBBER & RUBBER PRODUCTS*	335.27	318.45	341.74	344.40	349.97	349.27	343.71	352.15	353.42	359.16	369.41	363.49	378.48
MISCELLANEOUS PLAS. PROD.	371.43	373.92	381.23	378.78	383.11	383.53	382.63	381.80	378.63	377.71	389.58	384.71	392.70
LEATHER & LEATHER PROD.	252.59	261.82	267.33	265.24	276.67	267.14	264.70	266.49	270.69	272.12	282.21	271.74	267.52

WEEKLY EARNINGS ARE AFFECTED BY PREMIUM PAY, SHIFT DIFFERENTIALS, PIECEWORK AND INCENTIVE PAYMENTS, LENGTH OF WORKWEEK, AND OTHER FACTORS.

* DATA FROM 1987 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1988 JUL	AUG	SEP	OCT	NOV	DEC	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL
TOTAL MANUFACTURING	40.3	40.4	40.9	41.1	41.3	41.5	41.3	41.2	41.2	40.9	41.0	41.1	40.5
DURABLE GOODS	41.0	40.7	41.4	41.4	41.6	41.7	41.5	41.4	41.3	41.2	41.3	41.3	40.8
LUMBER & WOOD PRODUCTS	39.0	39.0	37.6	39.1	39.3	39.0	37.8	38.5	38.7	37.8	37.9	38.7	36.1
FURNITURE & FIXTURES	39.7	40.1	42.0	40.6	38.7	38.3	37.6	37.7	37.7	37.5	37.4	38.2	37.0
STONE,CLAY,GLASS PRODUCTS	41.8	41.7	42.4	41.8	42.3	42.3	42.2	42.3	42.4	42.1	42.2	41.9	42.5
GLASS & GLMR./PRESS.BLOWN	42.3	41.8	43.3	42.0	42.1	42.1	42.7	42.5	42.5	42.3	42.8	42.3	43.0
POTTERY & REL. PRODUCTS	38.8	38.8	39.3	39.4	39.9	40.5	40.2	39.8	39.6	39.1	39.7	38.6	39.3
PRIMARY METAL INDUSTRIES	43.4	43.1	43.8	43.8	43.9	43.8	44.1	44.2	44.1	44.0	43.7	43.2	42.6
BLAST FURN. & BASIC STEEL	43.3	44.4	44.0	43.0	42.4	44.6	44.7	44.1	44.0	44.1	44.0	42.8	43.2
IRON & STEEL FOUNDRIES*	45.5	42.2	45.4	46.2	46.2	45.3	44.5	44.9	44.9	45.0	44.9	46.8	45.1
PRIMARY & NONFER. METAL*	39.9	38.4	39.6	39.2	40.6	41.9	41.7	41.2	42.2	40.3	39.9	40.3	39.6
NONFER. ROLL. & DRAWING	44.3	44.4	44.5	44.5	44.8	43.7	44.7	44.9	44.9	44.8	44.6	43.3	42.5
FAB. METALS, INCL. ORD.	40.7	40.2	41.7	41.4	41.6	41.5	41.2	40.8	40.6	40.9	41.2	41.0	40.6
METAL CANS	43.8	42.2	44.3	42.9	43.7	43.3	44.1	43.8	43.4	42.6	43.2	42.6	42.9
CUTLERY, TOOLS & HARDWARE	39.7	38.7	41.9	41.9	42.6	38.7	39.5	38.8	38.9	39.1	39.5	39.6	37.8
FAB. STRUCT. METAL PROD.*	40.7	40.1	41.1	41.2	40.8	41.4	40.4	40.4	40.3	40.3	41.0	40.4	41.4
METAL STAMPINGS	38.7	39.6	39.4	38.5	39.0	38.9	38.7	38.9	38.1	39.5	39.0	39.0	38.3
MACHINERY, EXCEPT ELEC.	41.4	40.9	42.2	42.6	42.7	43.5	43.4	43.2	42.9	42.6	42.6	42.3	41.3
CONSTRUCTION & REL. MACH.*	47.2	41.8	42.4	41.9	42.3	43.6	44.5	45.4	44.7	43.0	43.5	43.4	44.1
METALWORKING MACHINERY	42.7	43.1	44.4	44.8	45.2	46.9	46.0	45.3	45.8	45.7	45.7	45.4	44.1
SPECIAL INDUSTRY MACH.	43.0	42.8	44.0	45.1	46.8	48.3	49.2	49.2	49.1	46.5	46.1	46.6	45.5
GENERAL INDUSTRY MACH.	40.9	41.8	42.6	43.1	42.4	43.1	43.0	43.0	41.5	41.8	41.6	41.7	41.3
REFRIG SVC IND MACH.	39.3	38.2	40.1	40.7	40.3	40.2	39.3	39.3	39.3	39.8	40.1	38.5	34.6
ELECTRICAL EQUIP. & SUPP.	40.3	40.0	39.7	39.5	40.4	40.2	40.2	39.9	39.9	40.0	40.5	40.8	40.2
ELEC. TEST & DIST. SUPP.*	39.8	39.2	39.9	38.5	38.4	37.7	38.2	38.0	38.2	37.0	37.8	37.1	33.9
ELEC. LIGHT. & WIRING*	38.3	39.0	40.1	40.1	41.0	40.7	41.5	40.4	40.7	40.6	40.5	40.2	39.0
RADIO & TV REC. EQUIPMENT	39.5	39.2	40.8	42.8	41.2	41.9	41.4	42.0	40.8	39.9	40.8	40.9	40.9
COMMUNICATION EQUIPMENT	41.4	41.2	38.8	38.1	39.8	39.3	38.7	39.1	39.1	39.9	40.5	41.2	40.6
ELECTRON. COMP. & ACCESS.	39.8	39.2	40.2	40.0	39.4	39.9	40.7	39.8	39.4	39.5	40.3	40.3	40.7
TRANSPORTATION EQUIPMENT	43.9	42.1	43.1	45.6	43.4	42.8	42.9	42.8	43.0	41.6	41.6	42.1	41.3
MOTOR VEHICLES & EQUIP.	43.6	41.7	42.0	47.1	42.9	42.3	42.6	42.4	42.8	41.1	40.9	42.0	40.3
INSTRUMENTS & REL. PROD.	40.6	40.9	41.1	40.7	41.6	42.1	41.8	41.7	41.5	41.2	41.4	40.6	39.8
MISCELL. MFG. INDUSTRIES	39.1	39.8	39.7	40.2	40.7	40.8	40.4	40.2	40.3	40.8	40.6	40.8	41.3
NONDURABLE GOODS	39.6	40.0	40.8	40.8	41.1	41.4	41.1	41.1	41.1	40.7	40.8	40.9	40.2
FOOD & KINDRED PRODUCTS	41.3	42.9	42.9	43.2	43.4	43.7	43.0	42.2	42.2	42.1	41.9	42.6	42.6
PRESERV. FRUITS VEGS*	40.6	40.5	40.6	40.4	40.1	40.1	40.3	40.6	40.8	44.8	43.6	44.6	42.6
GRAIN MILL & BAKERY PROD	40.6	40.1	40.4	41.0	42.8	42.1	42.1	42.1	42.6	40.0	40.6	41.6	41.6
BEVERAGES*	39.9	38.3	37.6	37.6	39.6	40.3	40.3	39.6	39.6	42.0	42.3	42.6	42.4
TEXTILE MILL PRODUCTS	40.3	40.3	40.9	40.2	40.6	40.4	40.3	40.2	40.1	40.0	40.6	40.6	40.9
APPAREL & OTHER TEXTILE	35.9	36.1	36.7	37.0	36.2	36.6	36.6	37.0	36.1	36.6	36.4	37.0	36.0
MENS & BOYS SUTS AND CTS	36.6	36.0	36.4	36.0	36.2	37.2	37.0	36.0	36.4	36.2	36.9	36.2	37.1
MENS & BOYS FURN.	36.6	36.1	37.2	36.7	37.4	36.0	37.2	36.2	36.3	40.3	38.4	36.1	36.3
WOMENS & CHILD UNDERGAR	35.2	35.6	36.4	36.6	36.7	36.4	36.6	36.6	36.7	36.6	36.4	36.7	36.0
PAPER & ALLIED PROD.	41.3	42.1	42.1	42.7	42.7	43.1	42.9	42.1	42.1	42.6	42.0	42.7	41.8
PAPERBOARD CONT. & BOXES	40.7	41.4	42.2	41.7	41.7	43.4	42.8	41.8	42.0	42.4	41.9	43.6	42.2
PRINTING AND PUBLISHING	37.9	38.2	38.6	38.8	38.6	39.1	38.8	38.6	38.6	38.6	38.6	38.7	38.0
NEWSPAPERS	32.7	32.8	33.1	33.0	32.9	32.8	32.3	32.7	33.6	32.7	33.0	33.7	32.8
COMMERCIAL PRINTING*	39.6	39.3	40.3	40.3	39.9	41.0	40.3	40.5	41.5	40.0	39.9	40.0	39.3
CHEMICALS & ALLIED PROD.	39.6	40.5	40.6	40.9	42.4	42.6	42.1	42.2	42.3	41.6	42.0	41.6	41.0
INDUSTRIAL INORG CHEM.*	42.5	42.9	43.3	43.0	44.0	42.8	42.4	43.6	44.4	43.4	43.9	44.0	42.2
PLASTIC MATERIALS & SYN.	41.1	41.8	42.6	42.7	44.0	43.3	44.2	44.2	44.8	44.3	44.8	43.7	42.8
DRUGS	34.2	40.6	40.6	40.6	42.1	43.1	42.2	42.1	42.1	42.1	42.6	41.7	41.6
SOAPS, CLNERS & TOIL GDS.*	36.0	36.8	35.6	36.9	36.9	39.8	38.8	39.0	39.3	38.1	38.5	38.8	37.9
PAINTS & ALLIED PROD.*	45.2	42.7	45.1	44.3	44.2	44.0	43.0	43.3	43.8	43.2	43.0	43.6	42.8
INDUST ORGAN. CHEMICALS	48.0	43.6	44.1	44.5	44.9	44.4	44.8	44.5	44.3	42.3	43.4	42.9	42.3
PETROLEUM & COAL PROD.	45.3	43.6	41.7	42.9	43.0	45.8	45.2	45.7	45.6	45.2	45.2	45.9	43.7
PETROLEUM REFINING	46.6	44.7	41.0	42.2	42.4	45.7	44.9	45.4	45.5	45.0	45.0	45.6	43.4
RUBBER & PLASTIC PROD NEC	41.3	41.0	42.1	41.8	41.8	41.7	41.3	41.4	41.1	41.1	41.1	41.5	41.7
RUBBER & RUBBER PROD.*	40.2	38.6	40.3	41.0	40.6	40.1	40.2	40.9	41.0	41.0	41.7	41.4	42.1
MISCELLANEOUS PLASTIC	41.5	41.5	42.5	41.9	42.1	42.1	41.5	41.5	41.2	41.1	41.0	41.5	41.6
LEATHER & LEATHER PROD.	37.2	38.0	38.3	38.0	39.3	38.0	37.6	37.8	37.7	37.9	38.5	37.9	38.0

AVERAGE HOURS WORKED OR PAID FOR ARE AFFECTED BY LABOR TURNOVER, CHANGES IN OVERTIME HOURS, AND PART-TIME EMPLOYMENT.

* DATA FROM 1987 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1988 JUL	AUG	SEP	OCT	NOV	DEC	1989 JAN	FEB	MAR	APR	MAY	JUN	JUL
TOTAL MANUFACTURING	10.88	10.84	10.96	11.04	11.03	11.13	11.14	11.15	11.18	11.24	11.27	11.31	11.37
DURABLE GOODS	10.80	10.76	10.91	10.97	10.94	11.07	11.06	11.06	11.10	11.16	11.19	11.24	11.28
LUMBER & WOOD PRODUCTS	8.79	8.77	9.09	9.29	9.28	9.20	9.16	9.17	9.19	9.31	9.50	9.68	9.91
FURNITURE & FIXTURES	9.17	9.24	9.57	9.58	9.47	9.36	9.25	9.46	9.68	9.73	9.61	9.82	9.68
STONE,CLAY,GLASS PRODUCTS	11.25	11.03	10.96	11.04	11.14	11.30	11.17	11.35	11.35	11.44	11.40	11.47	11.69
GLASS & GLWR./PRESS.BLOWN	11.32	11.13	11.04	11.12	11.16	11.34	11.28	11.47	11.47	11.47	11.46	11.43	11.44
POTTERY & REL. PRODUCTS	11.81	10.77	10.73	10.88	10.97	11.37	11.32	11.42	11.45	11.55	11.54	11.66	11.98
PRIMARY METAL INDUSTRIES	10.32	10.21	10.60	10.49	10.53	10.53	10.59	10.45	10.54	10.53	10.52	10.55	10.58
BLAST FURN. & BASIC STEEL	11.15	11.26	11.76	11.72	11.68	11.76	11.56	11.43	11.50	11.31	11.35	11.47	11.60
IRON & STEEL FOUNDRIES*	10.81	10.40	10.71	10.83	10.70	10.74	10.80	10.75	10.75	10.83	10.74	10.95	11.02
PRIMARY & NONFER. METAL*	9.77	10.82	11.84	11.33	11.73	11.77	11.88	12.18	12.27	12.17	12.42	12.18	12.22
NONFER. ROLL. & DRAWING	9.80	9.78	10.10	9.88	9.98	9.88	10.04	9.82	9.88	9.88	9.89	9.85	9.79
FAB. METALS, INCL. ORD.	10.79	10.76	10.95	10.96	11.06	11.09	11.05	11.08	11.11	11.21	11.29	11.28	11.33
METAL CANS	10.97	10.83	10.92	11.04	11.38	11.36	11.15	11.10	11.02	11.08	11.25	10.80	10.69
CUTLERY, TOOLS & HARDWARE	13.93	13.75	14.65	14.68	14.69	14.95	15.04	14.78	14.79	14.80	15.04	14.63	14.70
FAB. STRUCT. METAL PROD.*	10.84	10.98	10.89	10.95	10.88	10.99	11.02	11.23	11.40	11.42	11.43	11.45	11.64
METAL STAMPINGS	11.09	11.23	11.15	11.03	11.06	11.05	10.97	11.05	10.89	11.06	11.00	11.16	11.21
MACHINERY, EXCEPT ELEC.	10.96	11.03	11.25	11.18	11.20	11.31	11.35	11.38	11.46	11.51	11.53	11.65	11.67
CONSTRUCTION & REL. MACH.*	10.89	11.15	11.68	11.29	11.40	11.59	11.48	11.67	11.80	11.69	11.58	11.44	11.47
METALWORKING MACHINERY	12.00	12.10	12.19	12.31	12.17	12.34	12.28	12.35	12.35	12.37	12.45	12.55	12.36
SPECIAL INDUSTRY MACH.	13.14	13.00	13.76	13.72	13.89	14.14	14.14	14.23	14.20	14.32	14.25	14.58	14.89
GENERAL INDUSTRY MACH.	11.13	11.16	11.44	11.60	11.59	11.73	11.75	11.64	11.45	11.57	11.62	11.70	11.90
REFRIG'SVC IND MACH.	10.38	10.30	10.78	10.45	10.48	10.59	10.52	10.55	10.66	10.68	10.80	10.87	10.93
ELECTRICAL EQUIP. & SUPP.	11.14	11.19	11.23	11.16	11.07	11.41	11.37	11.31	11.30	11.40	11.47	11.57	11.61
ELEC. TEST & DIST. SUPP.*	8.61	8.68	8.83	8.83	8.76	8.73	8.79	8.78	8.77	8.79	8.86	8.89	8.72
ELEC. LIGHT. & WIRING*	8.35	8.45	8.47	8.54	8.62	8.54	8.56	8.38	8.50	8.67	8.80	8.88	8.77
RADIO & TV REC. EQUIPMENT	9.39	9.44	9.30	9.57	9.41	9.52	9.51	9.29	9.58	9.70	9.90	10.35	10.36
COMMUNICATION EQUIPMENT	14.33	14.32	14.56	14.40	14.60	14.65	14.59	14.64	14.71	14.70	14.71	14.77	14.80
ELECTRON. COMP. & ACCESS.	7.95	8.06	8.12	8.13	8.19	8.36	8.45	8.33	8.35	8.38	8.42	8.46	8.46
TRANSPORTATION EQUIPMENT	13.65	13.70	13.93	14.64	14.10	14.23	14.16	14.16	14.21	14.22	14.08	13.86	13.67
MOTOR VEHICLES & EQUIP.	15.34	15.42	15.46	16.25	15.55	15.66	15.49	15.64	15.65	15.65	15.46	15.13	14.82
INSTRUMENTS & REL. PROD.	10.30	10.29	10.43	10.63	10.70	10.78	10.86	10.77	10.78	10.85	10.91	10.87	11.10
MISCELL. MFG. INDUSTRIES	8.80	8.62	8.62	8.78	8.80	8.77	8.78	8.84	8.87	8.90	8.93	8.93	9.04
NONDURABLE GOODS	10.95	10.92	11.01	11.11	11.11	11.19	11.21	11.22	11.25	11.32	11.35	11.37	11.46
FOOD & KINDRED PRODUCTS	10.94	10.91	10.91	10.92	10.95	11.11	11.11	11.18	11.21	11.33	11.46	11.50	11.30
PRESERV FRUITS VEG*	10.21	10.38	10.10	10.43	10.26	10.64	10.82	10.70	10.88	11.21	11.32	10.62	10.75
GRAIN MILL & BAKERY PROD	10.55	10.60	10.67	10.50	10.46	10.46	10.37	10.45	10.40	10.46	10.54	11.04	10.48
BEVERAGES*	13.53	13.18	12.86	12.60	12.96	13.24	13.28	13.17	13.27	13.39	14.06	13.75	13.65
TEXTILE MILL PRODUCTS	8.44	8.65	8.82	9.03	9.04	9.21	9.09	9.06	9.04	9.13	9.20	9.30	9.02
APPAREL & OTHER TEXTILE	7.21	7.29	7.49	7.56	7.51	7.52	7.48	7.45	7.47	7.53	7.59	7.67	7.59
MEN'S & BOYS' STS AND CTS	6.43	6.27	6.67	6.39	6.62	6.72	6.57	6.52	6.66	6.50	6.60	6.51	6.46
MEN'S & BOYS' FURN.	6.30	6.32	6.99	6.89	6.86	6.96	6.88	7.02	7.05	7.04	7.07	7.74	7.72
WOMEN'S & CHILD UNDERGAR	7.69	7.77	7.91	8.36	8.53	8.11	8.04	8.00	8.16	8.17	8.25	8.05	8.02
PAPER & ALLIED PROD.	10.56	10.64	10.67	10.68	10.61	10.63	10.71	10.79	10.78	10.98	10.96	11.13	11.12
PAPERBOARD CONT. & BOXES	10.29	10.41	10.45	10.51	10.41	10.57	10.61	10.73	10.90	10.90	10.91	11.08	11.06
PRINTING AND PUBLISHING	12.11	12.12	12.36	12.58	12.30	12.42	12.31	12.29	12.43	12.46	12.48	12.50	12.80
NEWSPAPERS	13.22	13.21	13.40	13.36	13.39	13.44	13.26	13.33	13.18	13.22	13.31	13.34	13.71
COMMERCIAL PRINTING*	12.48	12.74	13.17	13.68	13.28	13.44	13.37	13.23	13.31	13.31	13.29	13.13	13.62
CHEMICALS & ALLIED PROD.	12.98	12.82	12.93	12.99	13.04	12.97	12.99	13.05	13.06	13.17	13.15	13.19	13.23
INDUSTRIAL INORG CHEM.*	13.00	13.08	13.12	13.11	13.29	13.32	13.10	13.22	13.33	13.65	13.76	13.87	13.70
PLASTIC MATERIALS & SYN.	13.65	13.88	13.76	14.10	13.94	13.95	14.04	14.13	13.97	14.03	14.35	14.14	14.05
DRUGS	13.86	13.76	13.90	13.98	14.02	13.99	14.05	14.11	14.10	14.20	14.11	14.11	14.13
SOAPS, CLNERS & TOIL GDS.*	9.44	9.42	9.61	9.70	9.83	9.93	9.77	9.77	9.95	9.95	9.91	9.76	9.76
PAINTS & ALLIED PROD.*	13.18	13.18	13.59	13.67	13.55	13.57	13.49	13.48	13.45	13.65	13.32	13.28	13.23
INDUST ORGAN. CHEMICALS	15.69	15.53	15.59	15.61	15.53	14.81	15.01	15.17	15.05	15.19	15.23	15.63	15.69
PETROLEUM & COAL PROD.	17.13	17.68	17.93	18.30	18.14	17.88	17.89	18.04	17.84	18.13	18.01	17.67	18.89
PETROLEUM REFINING	18.00	18.91	19.46	19.91	19.72	19.23	19.20	19.39	19.17	19.61	19.47	19.01	20.51
RUBBER & PLASTIC PROD NEC	8.85	8.89	8.90	8.94	9.02	9.04	9.11	9.10	9.10	9.12	9.22	9.19	9.37
RUBBER & RUBBER PROD.*	8.34	8.25	8.48	8.40	8.62	8.71	8.55	8.61	8.62	8.76	9.02	8.78	8.99
MISCELLANEOUS PLASTIC	8.95	9.01	8.97	9.04	9.10	9.11	9.22	9.20	9.19	9.19	9.27	9.27	9.44
LEATHER & LEATHER PROD.	6.79	6.89	6.98	6.98	7.04	7.03	7.04	7.05	7.18	7.18	7.33	7.17	7.04

HOURLY EARNINGS INCLUDE PAID HOLIDAYS, VACATION, AND SICK LEAVE. THEY ARE AFFECTED BY CHANGES IN WORK FORCE COMPOSITION AND IN WAGE RATES.

* DATA FROM 1987 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

NEW JERSEY LABOR FORCE DATA
(Thousands)

	Jul 1989	Jun 1989	Jul 1988	Net Change From Month Ago	Net Change From Year Ago
Civilian Labor Force	4,045	4,038	4,051	7.0	-6.0
Total Employment	3,864	3,872	3,882	-8.0	-18.0
Total Unemployment	182	166	168	16.0	14.0
Seasonally Adj. Unemp. Total	162	165	146	-3.0	16.0
Unemployment Rate	4.5	4.1	4.2	0.4	0.3
Seasonally Adj. Unemp. Rate	4.1	4.2	3.7	-0.1	0.4

NOTE: Based on U.S. Bureau of Labor Statistics Method.

SEASONALLY ADJUSTED
CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(Regular State UI Program Only)
(Thousands)

	Jun 1989	May 1989	Jun 1988	Net Change From Month Ago	Net Change From Year Ago
Total Insured Unemployed **	86.7	74.1	72.5	12.6	14.2
Total Insured Unemployed	85.7	85.2	71.8	0.5	13.9
Male	47.9	50.8	38.6	-2.9	9.3
Female	37.6	34.6	32.6	3.0	5.0
White, Not Hispanic	51.1	51.9	42.7	-0.8	8.4
Black, Not Hispanic	21.3	18.1	15.8	3.2	5.5
Hispanic	11.8	13.3	12.0	-1.5	-0.2
Other**	1.0	1.4	0.7	-0.4	0.3
Manufacturing	21.5	22.8	20.9	-1.3	0.6
Durable Goods	9.1	10.1	8.6	-1.0	0.5
Nondurable Goods	12.4	12.8	12.3	-0.4	0.1
Nonmanufacturing	67.0	63.2	51.2	3.8	15.8
Contract Construction	16.4	13.9	9.0	2.5	7.4
Trans. & Public Utilities	5.5	5.5	4.6	0.0	0.9
Wholesale & Retail Trade	19.3	20.1	16.2	-0.2	3.1
Finance/Ins/Real Estate	3.6	3.3	3.0	0.3	0.6
Services	18.2	16.1	14.7	2.1	3.5
By Age Of Claimant					
Under 25	10.0	9.2	7.5	0.8	2.5
25 Through 34	28.6	28.1	23.5	0.5	5.1
35 Through 44	19.9	20.2	17.0	-0.3	2.9
45 Through 54	13.8	13.7	12.5	0.1	1.3
55 Through 64	10.9	11.9	8.9	-1.0	2.0
65 And Over	2.5	2.2	2.2	0.3	0.3
By Duration of Unemployment					
1 to 2 Weeks	9.2	10.5	8.5	-1.3	0.7
3 to 4 Weeks	11.9	11.0	7.5	0.9	4.4
5 Through 14 Weeks	39.7	39.6	36.9	0.1	2.8
15 Weeks And Over	23.5	23.4	18.3	0.1	5.2

* Data are for claims filed for the week including the 12th of the month and are seasonally adjusted, except as noted. The data on characteristics of the insured unemployed under the Regular State UI Program are based on a 3% sample of all insured unemployed. Industry data are for selected categories and do not add to totals.

** Not Seasonally Adjusted.

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

	Jun[1]	May[2]	YEAR TO DATE[3]		
	1989	1989	1989	1988	% CHANGE
TOTAL DWELLING UNITS AUTHORIZED	2,685	2,491	14,068	16,573	-15.1
Private Units	2,685	2,491	13,966	16,573	-15.7
Single Family	1,866	1,714	8,724	11,393	-23.4
Two-Family	70	74	548	834	-34.3
Three-or-Four Family	23	36	138	162	-17.9
Five or More Family	726	667	4,561	4,184	9.0
Public Units	0	0	102	0	0
ESTIMATED VALUE OF RESIDENTIAL PERMITS (000)	$244,670	$223,918	$1,332,648	$1,556,393	-14.4
New Buildings	$172,171	$156,047	$979,384	$1,194,951	-18.0
Additions and Alterations	$72,499	$67,871	$353,264	$361,442	- 2.3

[1] Based on reports received from 461 of 567 municipalities.
[2] Based on reports received from 446 of 567 municipalities.
[3] Does not include any late reports.
SOURCE: N.J. Department of Labor

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(Not Seasonally Adjusted)

		RESIDENT EMPLOYMENT (in thousands)			UNEMPLOYMENT (in thousands)			UNEMPLOYMENT RATE (percent of labor force)		
Year	Month	Estimate	Std. Error	Coeff. of Var.	Estimate	Std. Error	Coeff. of Var.	Estimate	Std. Error	Coeff. of Var.
1988	Jan	3,785	±60	1.6%	178	±26	14.6%	4.5%	±.6	13.3%
	Feb	3,809	±60	1.6%	161	±25	15.5%	4.0%	±.6	15.0%
	Mar	3,802	±60	1.6%	173	±25	14.5%	4.4%	±.6	13.6%
	Apr	3,828	±60	1.6%	125	±22	17.6%	3.2%	±.6	18.8%
	May	3,817	±60	1.6%	149	±24	16.1%	3.8%	±.6	15.8%
	Jun	3,876	±60	1.5%	147	±24	16.3%	3.6%	±.6	16.7%
	Jul	3,883	±60	1.5%	168	±25	14.9%	4.2%	±.6	14.3%
	Aug	3,884	±60	1.5%	143	±23	16.1%	3.6%	±.6	16.7%
	Sep	3,807	±60	1.6%	134	±22	16.4%	3.4%	±.6	17.6%
	Oct	3,769	±60	1.6%	138	±23	16.7%	3.5%	±.6	17.1%
	Nov	3,814	±60	1.6%	139	±23	16.5%	3.5%	±.6	17.1%
	Dec	3,854	±60	1.6%	159	±24	15.1%	4.0%	±.6	15.0%
1989	Jan	3,825	±60	1.6%	184	±26	14.1%	4.6%	±.7	15.2%
	Feb	3,851	±60	1.6%	180	±26	14.4%	4.5%	±.6	13.3%
	Mar	3,867	±60	1.6%	136	±23	16.9%	3.4%	±.6	17.6%
	Apr	3,818	±60	1.6%	142	±23	16.2%	3.6%	±.6	16.7%
	May	3,852	±60	1.6%	120	±21	17.5%	3.0%	±.5	16.7%
	Jun	3,872	±60	1.5%	166	±25	15.1%	4.1%	±.6	14.6%
	Jul	3,864	±60	1.6%	182	±26	14.3%	4.5%	±.6	13.3%
	Aug									
	Sep									
	Oct									
	Nov									
	Dec									

DATA NOTES: Standard errors can be used to construct confidence intervals around each sample estimate. A 90% confidcence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus 1.645 standard error around each sample estimate would contain, in 9 out of 10 cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

Standard errors (S.E.) and coefficient of variation (C.V.) for all years are based on 1987 CPS sample parameters.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
SEASONALLY ADJUSTED
(000)
1988 BENCHMARK

DATE	Labor Force		Employment		Unemployment Volume		Unemployment Rate (%)	
	US	NJ	US	NJ	US	NJ	US	NJ
1970	82,771	2,996.0	78,678	2,859.0	4,093	138.0	4.9	4.6
1971	84,382	3,012.0	79,367	2,840.0	5,016	172.0	5.9	5.7
1972	87,034	3,117.0	82,153	2,935.0	4,882	182.0	5.6	5.8
1973	89,429	3,190.0	85,064	3,011.0	4,365	180.0	4.9	5.6
1974	91,949	3,226.0	86,794	3,023.0	5,156	204.0	5.6	6.3
1975	93,775	3,264.0	85,846	2,929.0	7,929	334.0	8.5	10.2
1976	96,158	3,318.0	88,752	2,973.0	7,406	346.0	7.7	10.4
1977	99,009	3,383.0	92,017	3,065.0	6,991	317.0	7.1	9.4
1978	102,251	3,457.0	96,048	3,209.0	6,202	248.0	6.1	7.2
1979	104,962	3,570.0	98,824	3,323.0	6,137	247.0	5.8	6.9
1980	106,940	3,594.0	99,303	3,334.0	7,637	260.0	7.1	7.2
1981	108,670	3,593.0	100,397	3,330.0	8,273	263.0	7.6	7.3
1982	110,204	3,632.0	99,526	3,306.0	10,678	326.0	9.7	9.0
1983	111,550	3,673.0	100,834	3,385.0	10,717	288.0	9.6	7.8
1984	113,544	3,825.0	105,005	3,589.0	8,539	236.0	7.5	6.2
1985	115,461	3,839.0	107,150	3,621.0	8,312	217.0	7.2	5.7
1986	117,834	3,908.0	109,597	3,712.0	8,237	197.0	7.0	5.0
1987	119,865	3,967.0	112,440	3,806.0	7,425	160.0	6.2	4.0
1988	121,669	3,978.0	114,968	3,827.0	6,701	151.0	5.5	3.8
1988								
Jan	121,035	4,001.0	114,055	3,850.0	6,980	151.0	5.8	3.8
Feb	121,165	3,981.0	114,273	3,841.0	6,892	140.0	5.7	3.5
Mar	120,936	3,981.0	114,129	3,825.0	6,807	156.0	5.6	3.9
Apr	121,328	3,969.0	114,660	3,826.0	6,668	143.0	5.5	3.6
May	121,203	3,945.0	114,403	3,798.0	6,800	147.0	5.6	3.7
Jun	121,524	3,957.0	115,001	3,810.0	6,523	147.0	5.4	3.7
Jul	121,658	3,969.0	115,034	3,823.0	6,624	146.0	5.4	3.7
Aug	122,000	3,976.0	115,203	3,823.0	6,797	153.0	5.6	3.8
Sep	121,984	3,973.0	115,370	3,823.0	6,614	150.0	5.4	3.8
Oct	122,091	3,963.0	115,573	3,810.0	6,518	153.0	5.3	3.9
Nov	122,510	3,978.0	115,947	3,821.0	6,563	157.0	5.4	3.9
Dec	122,563	4,043.0	116,009	3,875.0	6,554	168.0	5.3	4.2
1989								
Jan	123,428	4,046.0	116,711	3,888.0	6,716	158.0	5.4	3.9
Feb	123,181	4,043.0	116,853	3,884.0	6,328	159.0	5.1	3.9
Mar	123,264	4,010.0	117,136	3,890.0	6,128	120.0	5.0	3.0
Apr	123,659	3,977.0	117,113	3,816.0	6,546	161.0	5.3	4.0
May	123,610	3,952.0	117,215	3,834.0	6,395	118.0	5.2	3.0
Jun	124,102	3,971.0	117,541	3,806.0	6,561	165.0	5.3	4.2
Jul	123,956	3,976.0	117,459	3,814.0	6,497	162.0	5.2	4.1
Aug								
Sep								
Oct								
Nov								
Dec								

SOURCE: U.S. Bureau of Labor Statistics

MONTHLY AVERAGES FOR INDICATORS
SERIES 1 THROUGH 36

INDICATOR SERIES	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1 Civilian Labor Force (Thou)	3383.0	3457.0	3570.0	3594.0	3593.0	3632.0	3673.0	3825.0	3839.0	3908.0	3967.0	3978.0
2 Resident Employment (Thou)	3065.0	3209.0	3323.0	3334.0	3330.0	3306.0	3385.0	3589.0	3621.0	3712.0	3806.0	3827.0
3 Resident Unemployment (Thou)	317.0	248.0	247.0	260.0	263.0	326.0	288.0	236.0	217.0	197.0	160.0	151.0
4 Labor Force Particip Rate (%)	62.2	62.9	64.3	64.2	63.5	63.6	63.6	65.6	65.4	65.7	66.1	65.9
5 Employment Pop Ratio (%)	56.4	58.4	59.8	59.5	58.8	57.9	58.6	61.5	61.7	62.4	63.4	63.4
6 Unemployment Rate (%)	9.4	7.2	6.9	7.2	7.3	9.0	7.8	6.2	5.7	5.0	4.0	3.8
7 Nonfarm Payroll Emp (Thou)	2836.9	2961.9	3027.2	3060.4	3098.9	3092.8	3165.1	3329.3	3414.1	3489.9	3581.6	3648.3
8 Priv Sec Nonfarm Emp (Thou)	2332.9	2438.9	2509.4	2530.7	2569.9	2568.1	2643.9	2807.2	2883.0	2954.3	3039.8	3096.8
9 Pub Sector Emp (Thou)	504.0	523.0	517.8	529.7	529.3	524.7	521.2	522.1	531.1	535.6	541.8	551.5
10 Manufacturing Emp (Thou)	767.3	786.8	799.1	781.0	771.1	729.6	715.1	726.8	712.9	690.5	675.4	666.1
11 Construction Emp (Thou)	94.5	105.3	113.7	111.2	108.7	107.3	112.1	131.3	141.0	153.4	164.4	173.3
12 Service-Prod Ind (Thou)	1468.2	1544.3	1593.9	1636.1	1687.8	1729.0	1814.7	1947.0	2027.0	2108.3	2197.7	2255.1
13 Mfg. Prod Wrkrs (Thou)	517.2	528.5	530.7	509.9	503.1	467.7	457.1	457.9	440.7	429.2	425.3	419.6
14 Mfg. Workweek (Hours)	41.1	40.8	41.2	40.7	40.6	39.9	40.6	41.1	40.8	41.2	41.2	41.0
15 Aggreg Mfg. Manhours (Thou)	21268	21538	21838	20726	20449	18676	18551	18842	17971	17664	17512	17198
16 Wkly Earn. of Prod Wrkrs ($)	239.20	256.22	276.45	297.16	327.16	345.53	369.87	390.45	402.29	416.94	428.48	446.08
17 US Consumer Price Ind (82-84=100)	60.9	65.6	73.1	82.9	91.4	96.9	99.8	103.3	106.9	108.6	112.5	117.0
18 Net Spendable Earnings ($ 3 Dep)	288.39	288.16	284.13	269.34	264.06	269.77	304.84	308.97	304.12	306.59	307.70	305.33
19 New Business Incorps (No)	1614.0	1698.0	1764.0	1790.0	2009.0	1867.0	2185.0	2304.0	2538.0	2761.0	2652.4	2721.6
20 Business Failures (No)	45.0	35.0	35.0	36.0	43.0	43.0	57.0	84.0	83.0	76.0	62.3	71.7
21 Elec Power Sales (Mil of KWH)	1305.0	1366.0	1383.0	1362.0	1359.0	1269.0	1282.0	1309.0	1303.0	1299.0	1300.6	1320.0
22 Total Const Contracts ($Mil)	399.7	345.3	300.2	296.9	295.5	308.8	468.5	536.8	671.2	741.9	738.5	702.4
23 Resid Const Contracts ($Mil)	93.6	113.6	141.3	108.8	108.6	116.1	228.2	242.3	347.5	384.6	346.9	333.4
24 Nonres Const Contracts ($Mil)	76.3	100.2	112.3	129.0	132.8	132.8	176.6	215.5	221.9	252.3	293.5	230.0
25 Total Dwelling Units (No)	2354.0	2630.0	2495.0	1627.0	1526.0	1572.0	2609.0	2660.0	3555.0	3817.0	3277.0	2655.0
26 Single Family Dwell Units (No)	1599.0	1917.0	1630.0	1085.0	920.0	978.0	1664.0	1841.0	2427.0	2815.0	2364.0	1873.0
27 Multi-Family Dwell Units (No)	589.0	510.0	673.0	392.0	469.0	498.0	790.0	671.0	915.0	788.0	699.0	636.0
28 Retail Sales ($Mil)	2006.0	2312.0	2552.0	2729.0	2854.0	2985.0	3246.0	3544.0	3833.0	4193.0	4483.4	4867.9
29 Retail Sales in 82-84 $ ($Mil)	3022.0	3278.0	3307.0	3140.0	3042.0	3066.0	3431.0	3240.0	3636.0	3993.0	4106.8	4277.3
30 New Passenger Car Reg (No)	36077	34662	31275	30448	26665	27018	29171	36104	37885	45956	41316	38554
31 Wks Claimed Wkly Avg (Thou)	125.3	118.0	125.5	135.0	126.5	138.9	112.7	93.7	93.4	84.9	71.2	70.5
Insured Unemp Rate (%)	5.6	5.1	4.7	4.7	4.3	4.7	3.8	3.1	3.0	2.6	2.2	2.1
32 Initial Claims Wkly Avg (No)	14458	14228	16175	16346	15029	15842	12891	11363	10758	10500	8481	8615
33 Exhaustions (No)	14881	11145	12125	13112	13686	16597	14369	12150	9644	8919	7083	6493
34 Insured Unemp in Mfg. (Thou)	43.5	40.6	42.0	50.9	43.3	54.6	41.0	33.4	36.2	30.3	23.6	20.7
35 Insured Unemp in Const. (Thou)	14.0	11.2	11.1	13.9	12.4	14.0	11.8	8.7	9.1	9.7	8.0	9.0
36 Ins Unemp Priv Srv-Prod (Thou)	56.7	51.7	53.8	57.9	59.5	61.7	54.5	43.4	42.0	40.9	36.4	37.4

NOTE See pages S-1 to S-3 for data sources. Data shown using latest available benchmarks. See appropriate pages for monthly data.

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